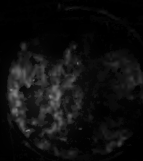
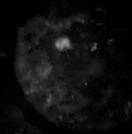
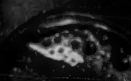
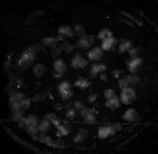
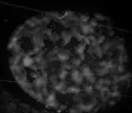


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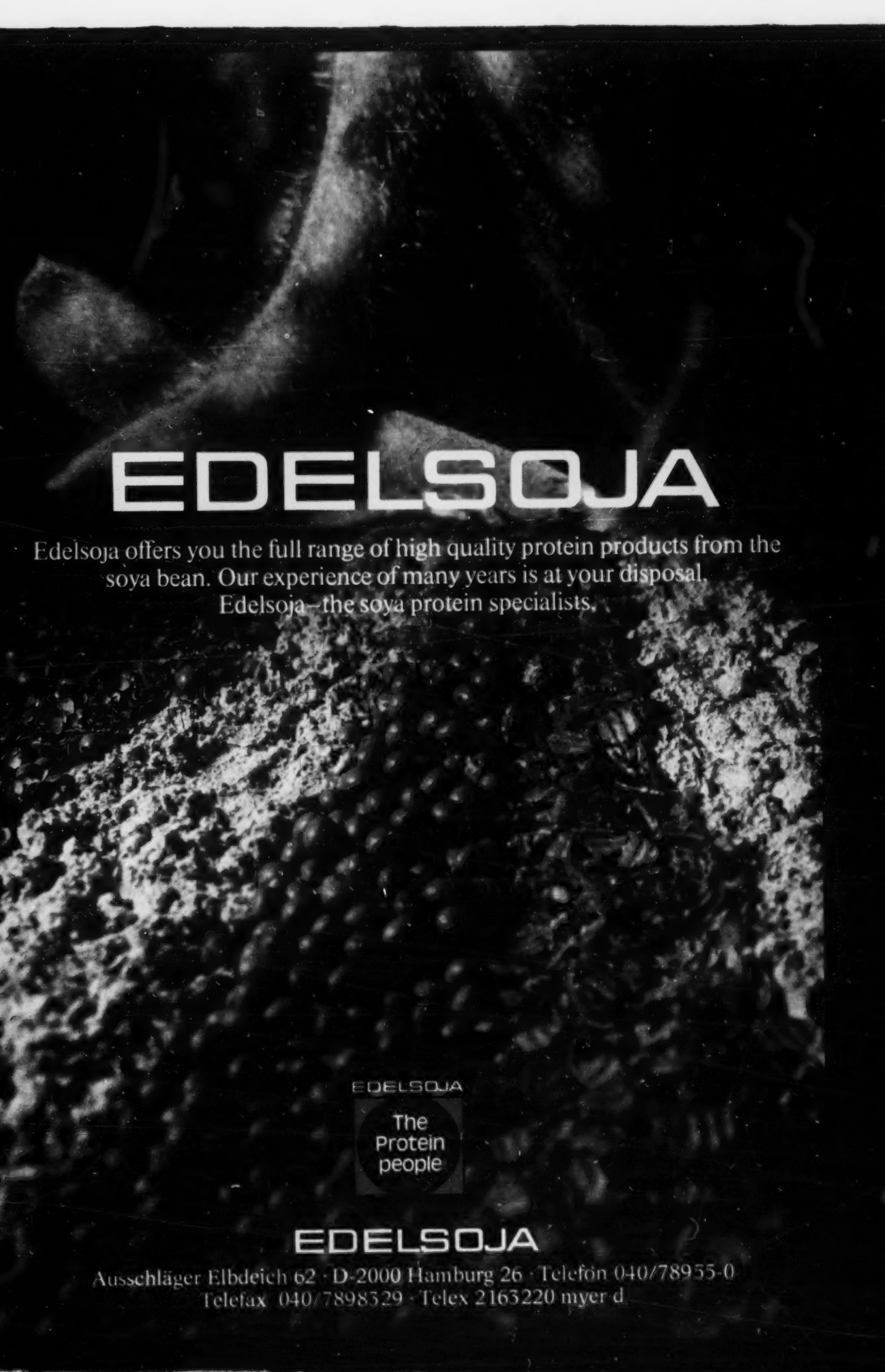


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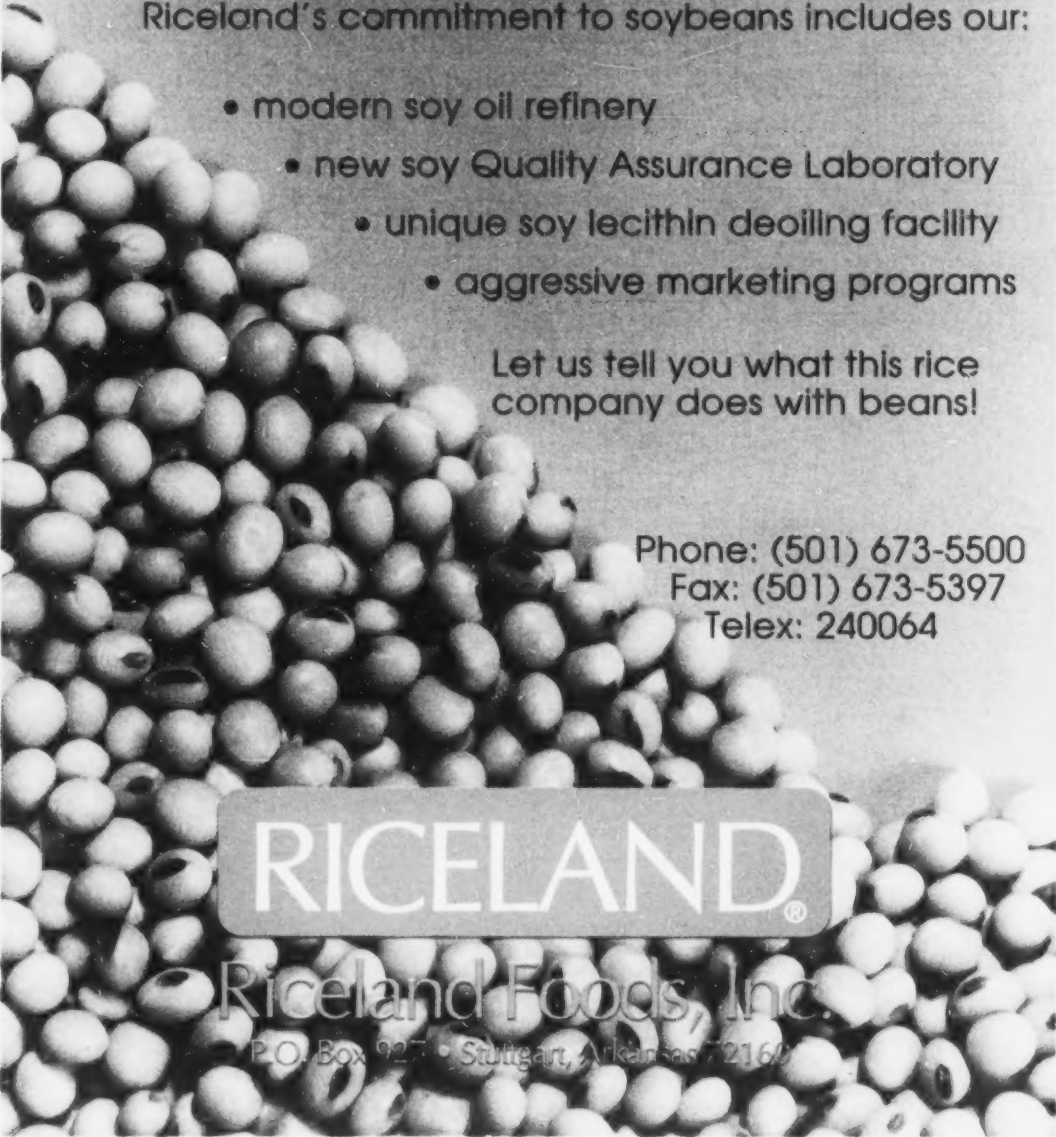
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Forward

Welcome to the '90 **Soya Bluebook**, the 43rd edition of the world's most comprehensive directory of the soybean processing industry. In it, you will find listings of over 1300 soybean and soybean product processors, equipment suppliers, service companies, trade associations and government agencies. Together, these groups represent the world's soya industry.

Soya Bluebook's current information on equipment, supply and service companies gives you the manufacturing and marketing support you need in your business—*everyday*. The Bluebook also contains the most complete listing anywhere of soya-based product manufacturers. All of these companies are listed not only by name and country in their appropriate yellow page sections, but also by end product, equipment, supply or service offered. And the comprehensive index at the back of the book contains a listing of every company or product listed herein.

New for 1990 are three pages of soya product processing charts, showing major soybean products and their basic processing steps. And there is, of course, our updated statistical section, containing over 50 pages of past, current and estimated data on world soybean production, disposition and import/export.

The soya industry, like many others, is undergoing rapid consolidation and globalization, giving rise to a more competitive environment for manufacturers and marketers. Being in the **Soya Bluebook** gives you a competitive edge by putting your company up front in people's minds as a major supplier of a particular product or service.

If you are a member of the industry, be sure to be listed. All listings are free of charge. And if you use the book to make new contacts, or buy and sell a product or service, let the person you speak with know, "*I saw your listing in the Soya Bluebook*".

Peter Golbitz, Publisher

Soya Bluebook is published annually by **Soyatech, Inc.** Listings are provided free of charge to qualified members of the soybean industry. Every effort has been made to present a publication free of errors and/or omissions. In the event either occur, please contact the editor of **Soya Bluebook** so corrections can be made in future editions. For additional copies of **Soya Bluebook** (\$38, U.S., Canada and Mexico; \$48, all other countries), contact the Circulation & Sales Department. For advertising rate information, contact **Soya Bluebook** Advertising Manager. All inquiries should be directed to:

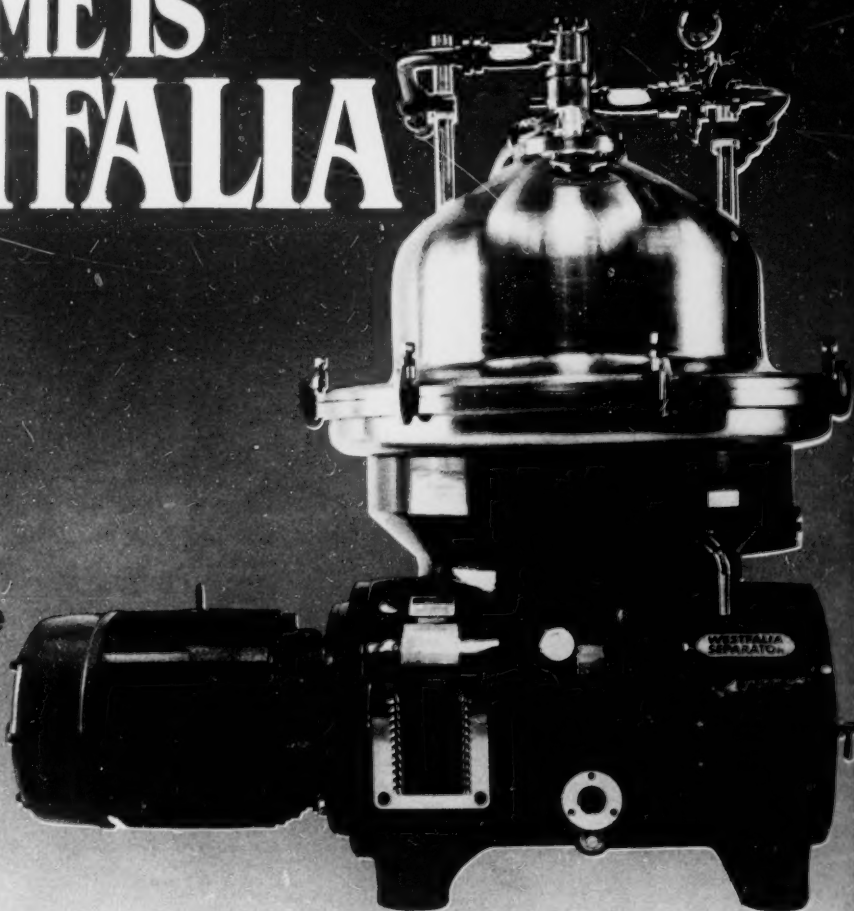
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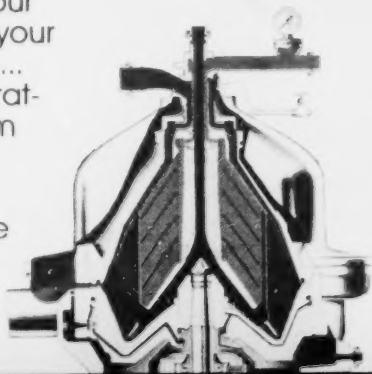
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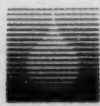
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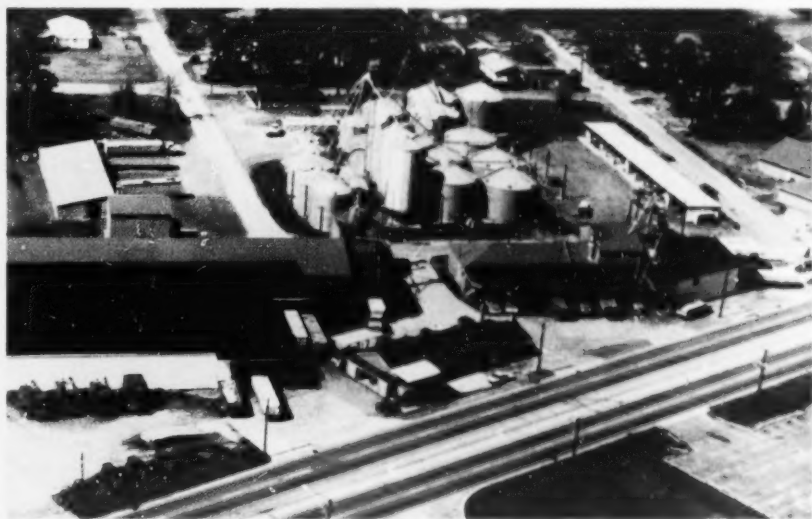


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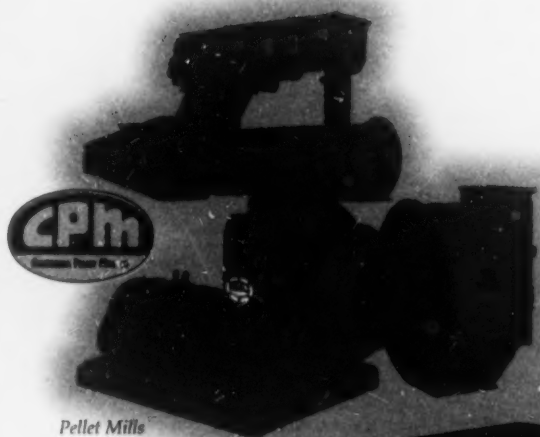
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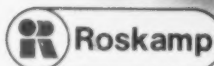
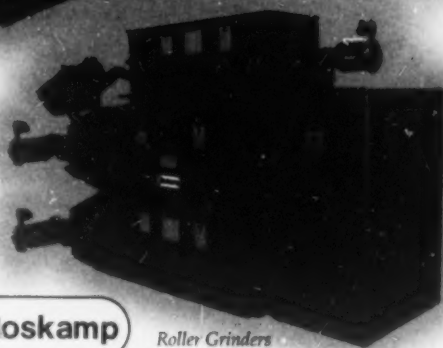
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Organizations and Government Agencies

Trade Associations, Organizations and Agencies
Involved in Soya Market Development,
Trade or Education

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AUSTRALIA

Australian Oilseed Crushers Association ★

6A Post Office Street, Suite 2, Pymble 2073, N.S.W., AUSTRALIA; PH: 61/2/449-5311.

CONTACT: Bryce Bell, Secy.

FOUNDED: 1963

MEMBERSHIP: 8 firms; vegetable oilseed crushers.

OBJECTIVES & ACTIVITIES: Develop the growing of oilseeds in Australia and domestic and export markets for seed, oil and meal.

Australian Oilseeds Federation ★

6A Post Office Street, Suite 2, Pymble 2073, N.S.W., AUSTRALIA; PH: 61/2/449-5311.

CONTACT: Bryce Bell, Secy.

FOUNDED: 1965

MEMBERSHIP: 28 oilseed grower, oilseed crusher, vegetable oil and protein user organizations and individual companies involved in the oilseed industry.

OBJECTIVES & ACTIVITIES: Encourage and promote the Australian oilseed industry.

The Oilseeds Marketing Board For the State of New South Wales

56 Young Street, G.P.O. Box 2736, Sydney 2001, N.S.W., AUSTRALIA; PH: 61/02/231-1511;

TLX: AA25715 (OSEEDS); FAX: 022314047.

CONTACT: John D. Ranken, Exec. Dir.

FOUNDED: 1973

MEMBERSHIP: 15 individuals comprising a statutory marketing authority for all N.S.W. oilseed growers.

OBJECTIVES & ACTIVITIES: Protect and insure best possible returns to growers; encourage production of oilseeds; encourage research and establish research priorities; act as liaison with the oilseeds processing industry and other grain marketing and bulk handling organizations; improve the distribution of grain to the domestic and export markets.

PUBLICATIONS: Commodity newsletters, quarterly, free.

AUSTRIA

American Soybean Association/East Europe ★

Gatterburggasse 18/2/3, Vienna A-1190, AUSTRIA; PH: 368218 or 368219; TLX: 135132;

FAX: 43/1/369-1661.

CONTACT: Steven B. Nemeth, Dir.

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture, Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

Verband der Futtermittelindustrie ★

Zaunergasse 1-3,, Postfach 144, Vienna A-1037, AUSTRIA; PH: 0222/722121; TLX: 131247 (NAHRUNGA).

CONTACT: Dr. Klaus Smolka

FOUNDED: 1946

MEMBERSHIP: 8 firms or organizations; Austrian mixed feed manufacturers.

OBJECTIVES & ACTIVITIES: Represent the interests of members.

PUBLICATIONS: Ernährung, monthly, OS-650.

Should **YOUR COMPANY** Be Listed In The '91 Soya Bluebook?

BANGLADESH

Bangladesh Sugar and Food Industries Corporation (BSFIC) (GA)

Shilpa Bhavan, Motijheel C.A., Dhaka 2, BANGLADESH.

CONTACT: Mr. Nuruzzaman, Dir. of Mkting.

OBJECTIVES & ACTIVITIES: Importer of crude degummed soy oil; private refineries also import goods.

Bangladesh Vegetable Oil Refiners' and Vanaspati Manufacturers' Association

Sharif Mansion, Third Floor, 56/57 Motijheel Commercial Area, Dhaka 2, BANGLADESH;

PH: 256492.

CONTACT: M. Nasir, Vice Chman.

FOUNDED: 1963

MEMBERSHIP: 9 firms; refiners of crude degummed soybean oil and producers of vegetable ghee/vanaspati.

OBJECTIVES & ACTIVITIES: Promote, protect and safeguard the interests of members.

BELGIUM

American Soybean Association/West Europe ★

Centre International Rogier, Room 2501-2506, Boite 521, Brussels 1210, BELGIUM; PH: 217-2075 or 217-9661; TLX: 846-26128 (AMSOYA B).

CONTACT: Dennis L. Blankenship, Dir.

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture, Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

Association Internationale de la Savonnerie et de la Detergence (AIS)

(International Association of the Soap and Detergent Industry)

Square Marie Louise 49, Brussels B-1040, BELGIUM; PH: 32/2/230-8371; TLX: 23167 (FECHIM AIS); FAX: 32/2/230-8288.

CONTACT: Pierre V. Costa, Secy. Gen.

FOUNDED: 1952

MEMBERSHIP: 18 national associations (Western Europe & Australia) representing more than 600 companies which are active in the soap and detergent sector of industry.

OBJECTIVES & ACTIVITIES: To examine all questions relating to the industry concerned with

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soaps, detergents and related products; to promote the common interests and knowledge of the industry represented by its member associations; to seek collective solutions to problems of common concern relating to human and environmental health; to represent the member associations in dealing with competent professional or supranational official bodies; to cooperate, as far as possible, with supranational authorities in the preparation of regulations which could affect the activities of the industry which it represents; to provide guidance for the member associations by its recommendations; to collect, exchange and disseminate all information necessary for the achievement of its objects; and in the achievement of its objects, the Association will ensure that the proposed measures will not interfere with free competition.

PUBLICATIONS: AIS Bulletin, bi-monthly, reserved to members; directories available from National Associations; Annual Statistical Tables, annual, edition 1986/87 B.F. 6,000.

Association Professionnelle des Fabricants d'Aliments Composes

(Belgian Association of Compound Feed Industry)

Gasthuisstraat 31, Brussels B-1000, BELGIUM; PH: 32/2/512-0955; TLX: 23403 (APFACA);

FAX: 32/2/514-0351.

CONTACT: Yuan de Jaegher, Dir.

FOUNDED: 1944

MEMBERSHIP: 85 firms or organizations; animal feed factories.

OBJECTIVES & ACTIVITIES: Dispatching of information regarding the sectors involved with animal feed; organizing conferences; having conferences with government agencies about the implementation of agricultural policy.

EEC Seed Crushers and Oil Processors Federation (FEDIOL) ★

Rue de la Loi 74, Bte. 4, Brussels 1040, BELGIUM; PH: 32/2/230-3125; TLX: 23628 (OLMA);

FAX: 02/230-2274.

CONTACT: Andre Sieffert

FOUNDED: 1958

MEMBERSHIP: 11 national associations of the seed crushing and oil processing industry of the EC member states.

OBJECTIVES & ACTIVITIES: To defend the interests, on the EC level, of the seed crushing industry and the crude oil and fat processing industry (vegetable and marine).

European Feed Manufacturers' Association (FEFAC) ★

Rue de la Loi, 223, Bte. 3, Brussels 1040, BELGIUM; PH: 32/2/230-8715; TLX: 22393 (FEFAC B);

FAX: 32/2/230-5722.

CONTACT: Andre P. Namur, Secy. Gen.

FOUNDED: 1959

MEMBERSHIP: 4 member associations & 11 correspondent members.

OBJECTIVES & ACTIVITIES: To promote the interests of the compound feed trade and the European livestock farmer; to ensure that the views of the compound feed manufacturers are fully represented and to enhance their reputation and that of FEFAC; to take action for the improved understanding of the role and the importance of the feed industry; to protect the industry from unfair practices & discrimination.

PUBLICATIONS: Feed and Food, annually, 1500. FB; Panorama, 2 times/month; Market Intelligence, 2 times/month; Feed Lex, 3 times/year.

European Vegetable Protein Association (EUVEPRO)

Leuvensestraat 29, Vilvoorde B-1800, BELGIUM; PH: 32/2/252-1052; TLX: 21260 (FOODIN B);

FAX: 32/2/252-4199.

CONTACT: Arnold Van Hecke, Dir.

FOUNDED: 1977

MEMBERSHIP: 7 organizations representing vegetable protein producers and users.

OBJECTIVES & ACTIVITIES: Provide representation and promotion of the interests of vegetable protein producers and users.

Organizations and Government Agencies

PUBLICATIONS: EUVEPRO Newsletter, 3-4 times/yr, free; EUVEPRO Survey of Legislations, updated when needed.

Federation des Fabricants D'Huiles de Belgique ★

(Federation of Belgian Oil Manufacturers)

74 Rue de la Loi Boite 4, B-1040 Brussels, BELGIUM; PH: 32/2/230-1192; TLX: 23628 (OLMA B).

CONTACT: Maritta Boetman, Secy.

FOUNDED: 1945

MEMBERSHIP: 9 firms; oilseed processors.

International Federation of Margarine Associations (IFMA) ★

Rue de la Loi 74, Bte. 3, Brussels 1040, BELGIUM; PH: 32/2/230-4810; TLX: 23-628 (OLMA B).

CONTACT: Ivan Hodac, Secy. Gen.

FOUNDED: 1958

MEMBERSHIP: 22 firms representing margarine producers and their national associations.

OBJECTIVES & ACTIVITIES: Enable member associations to collaborate on the solution of common problems of the margarine industry and promote and defend the interests of this industry.

PUBLICATIONS: Newsletter, 6 issues/yr, free; Annual General Meeting Report, annually BF500.

BRAZIL

ABIOVE—Associação Brasileira das Inds. Oleos Vegetais ★

(Brazilian Vegetable Oil Industries Association)

Avenida Paulista, 460, 4º Andar, São Paulo 01310, S.P., BRAZIL; PH: 55/11/287-3433;

TLX: 55/11/32010 or 36020 (ABOV); FAX: 55/11/285-3365.

CONTACT: Raul Paulo Costa, Exec. Pres.

FOUNDED: 1981

MEMBERSHIP: 62 oilseed processors or vegetable oil refineries.

OBJECTIVES & ACTIVITIES: To represent and support the interests of Brazilian crushers and refiners, and to collaborate with the Brazilian Government to aid development of socio-economic policies.

PUBLICATIONS: Informativo ABIOVE, monthly, free.

Companhia de Financiamento da Producao, Ministry of Agriculture (GA)

Av. W-3 Norte, Quadra 514, Bloco B, 70760 Brasilia, D.F., BRAZIL; PH: 272-0187; TLX: 061-1110.

CONTACT: Francisco Jose Santos, Pres.

INTERBRAS (GA)

Rua 1º de Marco, 23/4º, 20010 Rio de Janeiro, R.J., BRAZIL.

CONTACT: Gunther Heinrich Hennies

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CANADA

Centre de Recherche Industrielle du Quebec (CRIQ) ★ (GA)

(Industrial Research Center of Quebec)

333 Franquet, Sainte-Foy G1V 4C7, Quebec, CANADA; PH: 418/652-2228; TLX: 051-31569; FAX: 418/652-2251.

CONTACT: Louise Laflamme, Mkting. Analyst

FOUNDED: 1970

MEMBERSHIP: 450 individuals; 2 organizations.

OBJECTIVES & ACTIVITIES: Give assistance to Canadian manufacturers; marketing information, marketing research, diversification, etc., technical information or R & D.

PUBLICATIONS: Innovation, 3 times/yr., no cost.

Institute of Edible Oil Foods ★

1185 Eglinton Avenue, East, Suite 101, Don Mills M3C 3C6, Ontario, CANADA; PH: 416/429-1004; FAX: 416/429-1940.

CONTACT: Linda Reid, Mgr.

FOUNDED: 1954

MEMBERSHIP: 13 individuals, 13 firms consisting of growers, crushers and refiners of oilseeds, and manufacturers of edible oil products in Canada.

OBJECTIVES & ACTIVITIES: To represent members' "common interests" through government consultation and other consumer and trade issues where applicable—a nonprofit association.

Ontario Soybean Growers' Marketing Board ★

180 Riverview Drive, P.O. Box 1199, Chatham N7M 5L8, Ontario, CANADA; PH: 519/352-7730; FAX: 519/352-8983.

CONTACT: Fred Brandenburg, Secy. Mgr.

FOUNDED: 1949

MEMBERSHIP: 25,000 individuals; soybean producers in the Province of Ontario, Canada.

OBJECTIVES & ACTIVITIES: To achieve the best possible financial returns for the soybean grower and ensure the long-term viability of the soybean industry in Canada.

PUBLICATIONS: Newsletter, bimonthly, no cost.

Plenty, Canada

RR #3, Lanark K0G 1K0, Ontario, CANADA; PH: 613/278-2215; FAX: 613/278-2416.

CONTACT: M. Jeyabalan, Ag Program Officer

FOUNDED: 1976

MEMBERSHIP: 15 individuals working as volunteers in third-world countries and home office staff.

OBJECTIVES & ACTIVITIES: Work on soy agriculture and processing; water and sanitation systems; and forestry. Our aid is to see a fair sharing to the world resources.

PUBLICATIONS: Plenty News, twice yearly.

CHINA, PEOPLE'S REPUBLIC OF

American Soybean Association/People's Republic of China ★

Citic International Bldg., 25th Floor, Room 4, 19 Jianguomenwai Street, Beijing, PEOPLE'S REPUBLIC OF CHINA; PH: 502-255 (ext. 2541); TLX: 716-22203 (USCOP CN).

CONTACT: Don H. Bushman, Dir.

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture, Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

COLOMBIA

IDEMA (GA)

Carrera 10, #16-82, Piso 7, Bogota 1, D.E., COLOMBIA.

CONTACT: Guillermo P. Cardenas, Subgerente de Compras

COSTA RICA

Consejo Nacional de Produccion (CNP) ★ (GA)

P.O. Box 2205, San Jose 1000, COSTA RICA; PH: 506/23-6033, ext. 273. TLX: 376/2273 (CON-APRO); FAX: 506/339660.

CONTACT: Raul Gillot Fallas, Gen. Mgr.

FOUNDED: 1948

MEMBERSHIP: 50 individuals; small/medium farmers and animal food producers.

OBJECTIVES & ACTIVITIES: Price stabilization, production incentives and technical assistance.

CZECHOSLOVAKIA

KOOSPOL A.S. ★ (GA)

Leninova 178, Prague, CZECHOSLOVAKIA; PH: 0042/2/366355; TLX: 121-121 (KOOS C).

CONTACT: Josef Chalupa, Dir. Gen.

OBJECTIVES & ACTIVITIES: Trading of soybeans and soybean meal pellets.

Zemedelske Zasobovani A Nakup ★ (GA)

Generalni Reditelstvi, Praha 1, Opletalova 4, CZECHOSLOVAKIA; PH: 42/265-741; TLX: 121135.

CONTACT: Milos Protiva, Dir.

DOMINICAN REPUBLIC

Instituto de Estabilization de Precios (INESPRE) ★ (GA)

Plaza de la Independencia, Santo Domingo, DOMINICAN REPUBLIC; PH: 533-3111 or 533-3117; TLX: 3460296.

ECUADOR

Ministerio de Industrias, Comercio e Integration (MICEI) (GA)

Juan Leon Mera y Roca, P.O. Box 194-A, Quito, ECUADOR; PH: 541854; TLX: 022166 (MICEI).

CONTACT: Ramon Recalde, Dir. Gen.

OBJECTIVES & ACTIVITIES: Agency in charge of import tenders.

Nacional de Almacenamiento y Comm. de Productos

Agropecuarios (ENAC) (GA)

Edif MAG-2 Piso, Aves Amazonas y Eloy Alfaro, Quito, ECUADOR; PH: 544476; TLX: 2544.

CONTACT: Cevallos T. Francisco, Mgr.

OBJECTIVES & ACTIVITIES: Import/export, domestic crop support, whole crop marketing.

Nacional de Productos Vitales Emprovit (GA)

Edif MAG-3er Piso, Aves Amazonas y Eloy Alfaro, Quito, ECUADOR; PH: 237973; TLX: 2388.

CONTACT: Jorge R. Moran, Mgr.

OBJECTIVES & ACTIVITIES: Import/export retail marketing.

EGYPT

General Authority for Supply Commodities ★ (GA)

Ministry of Supply & Home Trade, 24 Gomhoria Street, Cairo, EGYPT; PH: 937175; TLX: 2062.

EL SALVADOR

Asociacion de Ganaderos de El Salvador (AGES) ★

(Cattlemen's Association of El Salvador)

6a. 10a. Calle Pte. No. 1833, Col. Flor Blanca, San Salvador, EL SALVADOR; PH: 503/233980; TLX: 20213 (INAGRO).

CONTACT: Arturo Muyschondt, Pres.

MEMBERSHIP: 24 individuals and companies involved in livestock operations.

OBJECTIVES & ACTIVITIES: Group all livestock owners into one organization; sell veterinary medicines, feed compounds and other livestock related products.

PUBLICATIONS: Revista AGES, yearly, free to members.

Instituto Regularado de Abastecimientos ★ (GA)

Edif. Prodisa, 7-A Av. Norte, Psj. 3 Cntr-Gobierno, San Salvador, EL SALVADOR.

ENGLAND

The Federation of Oils, Seeds and Fats Associations Ltd. (FOSFA Int'l.)

24 St. Mary Axe, London EC3A 8ER, ENGLAND; PH: 01/283-5511; TLX: 8812757 (FOSFA G); FAX: 01/623-1310.

CONTACT: D. A. Reffold, CEO & Secy.

FOUNDED: 1823

MEMBERSHIP: 50 individuals; 500 firms or organizations. Shippers, middlemen, receivers of oilseeds, oil and fats and ground nuts.

OBJECTIVES & ACTIVITIES: International contract issuing authority for the trade in oilseeds, oils and fats and HPS ground nuts. Provides regulation and arbitration services.

PUBLICATIONS: FOSFA Newsletter, quarterly, no cost; FOSFA manual, as required, £240; FOSFA Handbook, annual, £30.

The GAFTA Soya Bean Meal Futures Association, Ltd. ★

Baltic Exchange Chambers, 24/28 St. Mary Axe, London EC3A 8EP, ENGLAND;

PH: 44/01/283-5146; TLX: 886984 (GAFTA G).

CONTACT: William J. Englebright, Secy.

FOUNDED: 1919

MEMBERSHIP: 680 firms associated with the worldwide food industry.

OBJECTIVES & ACTIVITIES: Promote improvements in the scientific and technical fields of the international food industry by providing routine and special analysis, long-term research, new product development, consulting, information, databases and databanks, publications, training and conferences.

PUBLICATIONS: Numerous publications for purchase by members and non-members; list available.

Leatherhead Food Res. Association

Randalls Road, Leatherhead, Surrey, ENGLAND; PH: 44/372/376761; TLX: 929846 (FOODRA G); FAX: 44/372/386228.

CONTACT: J. R. Swift, Sales Mgr.

FOUNDED: 1919

MEMBERSHIP: 75 food manufacturers, and ingredient and equipment suppliers and retailers.

OBJECTIVES & ACTIVITIES: Research and information services to enable member companies to operate more efficiently and with enhanced food safety.

PUBLICATIONS: Abstracts Journal, Food Science & Technology, monthly, \$240/yr; Legislation manuals, regular updates; various prices; other publications available upon request.

Margarine & Shortening Manufacturers' Association

6 Catherine Street, London WC2B 5JJ, ENGLAND; PH: 01/836-2460; TLX: 299388 (FDF 9); FAX: 01/836-0580.

CONTACT: Angela Bowden, Secy. Gen.

MEMBERSHIP: 12 firms or organizations. All manufacturers of margarine and shortening in the United Kingdom.

OBJECTIVES & ACTIVITIES: Promote the interests of the margarine and shortening industry in the United Kingdom.

FRANCE

Centre Technique Interprofessionnel des Oleagineux Metropolitains (CETIOM)

(Association of French Oilseed Producers)

174 Avenue Victor Hugo, 75116 Paris, FRANCE; PH: 331/4505-1423; TLX: 611-907 (SIDO).

CONTACT: Emile Choné

FOUNDED: 1957

MEMBERSHIP: 110 individuals representing associations of oilseed producers in France.

OBJECTIVES & ACTIVITIES: Perform applied production research for all oilseeds; extension and development.

PUBLICATIONS: Informations Techniques, 4 times/yr, f50/yr; Bulletin CETIOM, 4 times/yr, f50/yr.

Consell Interregional du Soja (CIS)

(Interregional Council of Soy)

17, Rue de Fleurance, 31400 Toulouse, FRANCE; PH: 61/538180.

CONTACT: Emmanuel Prudon, Engineer

FOUNDED: 1982

MEMBERSHIP: Producers and farmers.

OBJECTIVES & ACTIVITIES: Soybean production in France.

PUBLICATIONS: Linoculum, 4 times/yr.

Groupe d'Etudes de Protéine Végétales (GEPV) ★

Association for the Study of Vegetable Proteins

10 A, Rue de la Paix, Paris 75002, FRANCE; PH: 33/1/42965029; TLX: 1/230905 (STABILI);

FAX: 1/47039878.

CONTACT: Aldo Uzzan, Scient. Consultant

FOUNDED: 1976

MEMBERSHIP: 11 companies producing, marketing and/or using vegetable proteins in France.

OBJECTIVES & ACTIVITIES: Communication and promotion for VPP uses in foods (scientific, industrial, legal, consumerism aspects); relations with other associations (within EUVEPRO).

Institut des Corps Gras (ITERG)

(Fats and Oils Institute)

10/A, Rue de la Paix, 75002 Paris, FRANCE; PH: 42/965029; TLX: 230905 (STABILI PARIS).

CONTACT: Jean B. Chazan, Gen. Mgr.

FOUNDED: 1943

MEMBERSHIP: 300 firms or organizations in the fats and oils industry.

OBJECTIVES & ACTIVITIES: Conduct scientific and technical research and development on fats, oils and related products, especially in the field of analytical and organic chemistry, biotechnology, technology (pilot plants.)

PUBLICATIONS: Revue Francaise des Corps Gras, 10 times/yr, f940.

ONIDOL - SOJA ★

5 Bd. Mediterranée, Toulouse 31400, FRANCE; PH: 33/61/53-8180; TLX: 531477 (F);

FAX: 61/55-0837.

CONTACT: Prudon Emmanuel, Ingenieur

FOUNDED: 1978

MEMBERSHIP: Families involved in oilseeds production and use/producers; industrials in seeds, seed storage and transformation.

OBJECTIVES & ACTIVITIES: Organizing production; developing uses of soy products.

PUBLICATIONS: L'Inoculum, quarterly, 60 f/yr.

Organization Nationale Interprofessionnelle des Oleagineux (ONIDOL) ★

(National Oilseeds Organization)

12, Avenue George V, Paris 75008, FRANCE; PH: 33/1/47208055; TLX: 612575.

CONTACT: Mkting. Dir.

FOUNDED: 1975

MEMBERSHIP: 7 organizations which represent oilseed production, processing and marketing.

OBJECTIVES & ACTIVITIES: Represent the interests of the oilseed market in the framework of the EEC rules and French legislation on interprofessional organizations.

Societe Interoleagineuse D'Assistance et de Developpement (S.I.A.) ★ (GA)

Service Documentation, 12, Avenue George V, Paris 75008, FRANCE; PH: 60.69.68.00; FAX: 67.23.82.30.

CONTACT: Sophie Criton, Documentalist

FOUNDED: 1978

MEMBERSHIP: 80 individuals.

OBJECTIVES & ACTIVITIES: Lobby for oleogeanous.

GERMANY, DEMOCRATIC REPUBLIC OF (EAST GERMANY)

Nahrung Export-Import ★ (GA)

Schicklerstrasse 7, 1020 Berlin, GERMAN DEMOCRATIC REPUBLIC; PH: 37/2/21480; TLX: 114893.

CONTACT: Manfred Wolf, Gen. Dir.

OBJECTIVES & ACTIVITIES: Sole importer of soybeans and soybean products.

ZENTRAL - KOMMERZ GmbH ★ (GA)

Parkstrasse 4-A, Berlin 1100, GERMAN DEMOCRATIC REPUBLIC.

CONTACT: Gerhard Kuhse, Dir. Gen.

**GERMANY, FEDERAL REPUBLIC OF
(WEST GERMANY)**

American Soybean Association/North Europe ★

Pelzerstraße 13, 2000 Hamburg 1, FEDERAL REPUBLIC OF GERMANY; PH: 0049/040/330516 or 336783; TLX: 2163420 (SOYA D); FAX: 49/40/327122.

CONTACT: Dr. Karl Fangauf, Dir.

FOUNDED: 1960

MEMBERSHIP: Soybean processing industry and feed, fats and oil manufacturers.

OBJECTIVES & ACTIVITIES: Marketing activities: extensive consulting, advertising, public relations addressed to consumers, industry and trade as well as research work in order to improve the quality of soybeans.

Deutsche Gesellschaft für Ernährung (DGE) ★

(German Society of Nutrition)

Feldbergstrasse 28, D-6000 Frankfurt 1, FEDERAL REPUBLIC OF GERMANY; PH: 069/720146.

CONTACT: Volker Peinelt, Food Scientist

FOUNDED: 1953

MEMBERSHIP: 1,700 individuals; 150 firms.

OBJECTIVES & ACTIVITIES: Advise in matters of nutrition for individuals and mass catering; sponsor scientific meetings and publications.

PUBLICATIONS: Ernährungsuorschau, monthly, Ernährungsbericht, every 4 years, Empfehlungen Für Die Nährstoffzufuhr, every 5 years. Numerous publications of data and research on various matters of nutrition; list available.

Deutsche Gesellschaft für Fettwissenschaft e.V. ★

(German Society for Fat Science)

Soester Straße, 13, D-4400 Münster, FEDERAL REPUBLIC OF GERMANY; PH: 0251/64745.

CONTACT: Heinrich Bruning, Dir.

FOUNDED: 1936

MEMBERSHIP: 300 individuals; 150 firms.

OBJECTIVES & ACTIVITIES: Promote unity and common goals among different disciplines within the fats industry.

PUBLICATIONS: Fett Wissenschaft Technologie (Fat Science Technology), 14 times/yr., DM450,80.

Margarine-Institut für Gesunde Ernährung

Friesenweg 1, D-2000 Hamburg 50, FEDERAL REPUBLIC OF GERMANY; PH: 040/882091.

CONTACT: Peter A. Zanger, Dir.

FOUNDED: 1962

MEMBERSHIP: 11 margarine manufacturers.

OBJECTIVES & ACTIVITIES: To improve the image of vegetable premium margarine through PR activities by providing information on raw materials, manufacturing and product properties (include health aspects).

PUBLICATIONS: Pressedienst Margarine Institut (PDM) 6 times/yr, free of charge.

Verband Deutscher Oelmuhlen e.V. ★

Kronprinzenstrasse 24, D-5300 Bonn 2, FEDERAL REPUBLIC OF GERMANY; PH: 0228-363056;

TLX: 885630 (OELVB D); FAX: 0228/361268.

CONTACT: Hanno Juhe, Secy. Gen.

FOUNDED: 1901

MEMBERSHIP: 1 individual, 15 firms active in the seed-crushing and oil refining business.

OBJECTIVES & ACTIVITIES: Representation of the industry and its interests to national authorities, legislative bodies and trade associations through membership in European and international trade associations.

Verein der Getreidehandler der Hamburger Borse e.V.

Borse-Kontor 24, Adolphsplatz 1, D-2000 Hamburg 11, FEDERAL REPUBLIC OF GERMANY; PH: 040/362025; TLX: 17/403968 (VDGH); FAX: 040/362029.

CONTACT: Ferdinand Kemme, Dir. Gen.

FOUNDED: 1868

MEMBERSHIP: 165 firms; importers, exporters and merchants of grain, feedstuffs, legumes, seeds and the respective brokers.

OBJECTIVES & ACTIVITIES: Taking the interest of the trade, representing and administering the exchange and arbitrations.

GUATEMALA

ANAVI ★ (GA)

Av. de la Reforma 8-60, Zona 9, Edif. Galerías Reforma, 9º Nivel, Guatemala City, GUATEMALA; PH: 502/2/311381 or 311389; TLX: 6215 (ANAVI GU); FAX: 502/2/347576.

CONTACT: Mario A. Motta, Gen. Mgr.

HONDURAS

Ministerio de Recursos Naturales ★ (GA)

Tegucigalpa, HONDURAS.

CONTACT: Cesar Noe Pino

HUNGARY

AGRIMPEX ★ (GA)

Munich Ferenc u.22, Budapest 1392, HUNGARY; PH: 36/1/1113-800; TLX: 225751.

CONTACT: A. Vermes, Gen. Dir.

OBJECTIVES & ACTIVITIES: Soybeans, soy meal, soybean oil.

Agrokomplex Central Soya Takarmanyozastechnologiai Egyuttmukodes ★

(Agrokomplex, Central Soya Cooperation for Feeding Technology)

Zichyujfalu 8112, HUNGARY; PH: 36/06-22/11145-218; TLX: 21249.

CONTACT: Gabor Reischl, Dir.

“ See Soya Statistics ”

For Data On World Soybean Production, Processing, Products and Exports & Imports

FOUNDED: 1970

MEMBERSHIP: 355 firms including state farm and farm cooperatives.

OBJECTIVES & ACTIVITIES: Supply members with complete premixes and finished feeds.

PUBLICATIONS: Agrokompex Informatio, quarterly.

Grain Trust-Hungary (GA)

Dorottya 1, P.O. Box 232, Budapest 1368, HUNGARY; PH: 36/1/183900; TLX: 22-4451.

CONTACT: Daniel Lacfi, Gen. Mgr.

FOUNDED: 1965

MEMBERSHIP: 19 county enterprises, 1 research institute and 1 service center.

OBJECTIVES & ACTIVITIES: Grain Trust is responsible for: (1) procuring of wheat, maize & other feedstuffs; (2) milling for human consumption (100% of the country); (3) producing mixed feed for domestic animals (50% of the country).

PUBLICATIONS: GABONAIPAR (Grain Industry); quarterly; no cost.

Magyar Elelmezisipari Tudomanyos Egyesulet ★

(Hungarian Scientific Society for Food Industry)

Akademia Utca 1-3, P.O. Box 5, H-1361 Budapest, HUNGARY; PH: 36/1/122-859;

TLX: 225792 (MTESZ).

CONTACT: Istvan Toth-Zsiga, Secy. Gen.

FOUNDED: 1949

MEMBERSHIP: Approximately 12,000 individuals. Membership is free for scientists and practical technicians.

OBJECTIVES & ACTIVITIES: Develop and stimulate research in all fields of the food industry; to interpret results and transmit findings to those in the practice.

INDIA

The Bombay Oilseeds & Oils Exchange Ltd. ★

Jenabai Building, Yusuf Meheralli Road, P.O. Box 13009, Bombay 400 003, Maharashtra, INDIA;

PH: 91/22/324361 or 321510.

CONTACT: Gunvant K. Shah, Secy.

FOUNDED: 1938

MEMBERSHIP: 500 traders/manufacturers of oilseeds, oils and oilcakes and articles manufactured out of same.

OBJECTIVES & ACTIVITIES: Promote and protect the interests of the persons engaged in the trade or business of oilseeds, oils, oilcakes and articles manufactured out of same.

PUBLICATIONS: Oilseeds & Oils Bulletin, daily, RS. 400/non-members, RS. 300/members; Oils & Oilseeds Journal, monthly, RS. 240/domestic, US \$35/foreign.

Cooperative League of the USA (CLUSA)

805 Chiransiv Tower, 43 Nehru Place, New Delhi 110 019, INDIA; PH: 91/11/641-7374;

TLX: 031-62584.

CONTACT: Thomas R. Carter, Rep.

FOUNDED: 1916

MEMBERSHIP: 400 firms or organizations which are cooperative businesses of all kinds.

OBJECTIVES & ACTIVITIES: The promotion of business development and trade relationships, mutual cooperation and education.

— All Listings Are Free Of Charge —
Please Contact Soyatech, Inc. for more information

The Grain, Rice and Oilseeds Merchants Association

72-80 Yusuf Meherally Road, Bombay 400003, INDIA; PH: 324021 or 324022.

CONTACT: R. J. Bhatt, Secy.

FOUNDED: 1899

MEMBERSHIP: 1,049 traders dealing in wholesale foodgrains and oilseeds.

OBJECTIVES & ACTIVITIES: Promote the foodgrains and oilseeds trade.

PUBLICATIONS: Vanijya, monthly, RS.10/yr.

Indian Oil and Produce Exporters Association

78-79 Bajaj Bhawan, 7th Floor, Nariman Point, Bombay 400 021, Maharashtra, INDIA;

PH: 91/22/202-3225 or 202-9295; TLX: 011-5637 (IOPE).

CONTACT: G. Chandra Shekhar, Secy.

FOUNDED: 1956

MEMBERSHIP: 240 processors and exporters of oilseeds, edible peanuts and castor oil; merchants, brokers, surveyors, etc.

OBJECTIVES & ACTIVITIES: To promote production and export of oilseeds and edible peanuts; appointed by the government of India as the agency to monitor and promote export; dissemination of market information.

PUBLICATIONS: IOPEA Trade Vision, monthly (suspended for the time being), for members only.

Indian Vegetable Oil Export Association (IVOEa)

c/o I.O.P.E.A., 78/79 Bajaj Bhawan, 7th Floor, Nariman Point, Bombay 400014, Maharashtra, INDIA;

PH: 022/2023225 or 2029295; TLX: 011-5637 (IOPE).

CONTACT: G. Chandra Shekhar, Secy.

MEMBERSHIP: 30 manufacturers of castor oil; exporters of castor oil, meal and castor derivatives.

OBJECTIVES & ACTIVITIES: Promote export of castor oil and derivatives from India.

Kurnool Oil Millers' Association, Shop 1

Agricultural Market Yard, Ballary Road, Kurnool 518003, INDIA; PH: 91/08518/20598.

CONTACT: Chandrakant Shah, Pres.

FOUNDED: 1973

MEMBERSHIP: 14 firms manufacturing groundnut, cottonseed and sunflower oil.

OBJECTIVES & ACTIVITIES: Inform members of all various government orders, taxation and labor laws and work as a liaison between government and members.

The Madras Oil and Seeds Association ★

16, Francis Joseph Street, P.O. Box 1639, Madras 600 001, Tamil Nadu, INDIA; PH: 583318 or 587893.

CONTACT: T. R. Thambu Reddi, Secy.

FOUNDED: 1946

MEMBERSHIP: 26 individuals; 275 firms or organizations. Twelve Managing Committee Members get elected yearly by the General Body who look after administration and other matters.

OBJECTIVES & ACTIVITIES: To do chamber work; act as a liaison with government and other agencies in solving problems of trade; analyze oilseeds, oils and oilcakes, etc.; circulate statistics and other important matters among members.

PUBLICATIONS: Daily Market Report, daily, RS. 150/yr.

Oils and Seeds Importers Association of India

78-79 Bajaj Bhawan, 7th Floor, Nariman Point, Bombay 400 021, Maharashtra, INDIA;

PH: 91/22/202-3225 or 202-9295; TLX: 011-5637 (IOPE).

CONTACT: G. Chandra Shekhar, Secy.

FOUNDED: 1978

MEMBERSHIP: 150 importers and dealers in oils, oilseeds and fats; brokers, surveyors,

Organizations and Government Agencies

manufacturers of oils, oilmeals, etc.

OBJECTIVES & ACTIVITIES: To coordinate and monitor imports of oils, seeds and fats into India; to assist members in their import operations; to act as a liaison with the government on matters of interest to trade.

Protein Foods and Nutrition Development Association of India (PFNDAI)

Mahalaxmi Chambers, 22 Bhulabhai Desai Road, Bombay 400 026, Maharashtra, INDIA;

PH: 91/22/492-8858 or 493-8998.

CONTACT: Hattiangadi S. Gurudas, Exec. Dir.

FOUNDED: 1968

MEMBERSHIP: 40 firms or organizations and 5 individuals who are the leading manufacturers of foods, beverages and related products such as equipment; government organizations concerned with food and nutrition; R & D institutions and others interested in this field.

OBJECTIVES & ACTIVITIES: Nutrition education, surveys and consultancy to national and international organizations. Assist government in the formulation of standards and legislation. Currently deeply involved in soyfood promotion in India.

PUBLICATIONS: PFNDAI Newsletter, monthly RS .120/yr.

The Soybean Processors Association of India (SOPA) ★

Scheme No. 53, Malviya Nagar, A.B. Road, Indore - 452 008, M.P., INDIA; PH: 38554 or 23668;

TLX: 0735-308 (SOPA IN).

CONTACT: Dr. G.A. Sulebele, Chief Exec.

FOUNDED: 1977

MEMBERSHIP: 93 processors, exporters; 221 allied traders, brokers.

OBJECTIVES & ACTIVITIES: To promote agriculture, processing and marketing of soybeans and products derived therefrom; export of soybean meal; assist exporters; monitor exports on behalf of the government of India; and to conduct R & D work with a view to advance technology for the manufacture and utilization of soybeans, soybean products & by-products.

PUBLICATIONS: SOPA Digest, monthly.

The State Trading Corp. of India, Ltd. (GA)

Market Information & Research Div., Chandralok, 36 Janpath, New Delhi 110001, INDIA;

PH: 322204; TLX: 2167 or 2168 or 3057.

CONTACT: P. Kumar, Mkting. Mgr.

INDONESIA

BULOG (National Logistic Agency) ★ (GA)

Jalan Jenderal, Gatot Subroto Kav 49, Jakarta, INDONESIA; PH: 62/21/512209;

TLX: 073-7964-4303.

CONTACT: Bustanil Arifin, Chrmn.

PT. PP. BERDIKARI (GA)

J1.M.I. Ridwan Rais No. 7, Jakarta 10110, INDONESIA; PH: 636633 or 634455;

TLX: 41311 (BERDIK IA).

CONTACT: H. Ahmad Nurhani, Vice Pres.

OBJECTIVES & ACTIVITIES: Domestic distribution of soybeans.

— SOYATECH PUBLICATIONS —

SOYA INTERNATIONAL (Quarterly)

SOYA BLUEBOOK (Annual)

ITALY

Associazione Italiana Dell'Industria Olearia (ASSITOL)

(Italian Oil Industry Association)

3, Via del Governo Vecchio, 00186 Rome, ITALY; PH: 06/6543251; TLX: 610552 (ASSIOL I).

CONTACT: Giorgio Cilenti, Gen. Dir.

FOUNDED: 1972

MEMBERSHIP: Approximately 100 firms involved with olive oil, seed oil, technical oils, refined olive residue oil, margarine, vegetable proteins, semi-raw materials and improvers for the bakery and confectionery industry.

OBJECTIVES & ACTIVITIES: Represent members and their interests.

PUBLICATIONS: Bulletin, monthly, for members only.

JAMAICA

Jamaica Commodity Trading Co., Ltd. (GA)

8 Ocean Blvd., P.O. Box 47, Kingston, JAMAICA.

JAPAN

American Soybean Association/Japan ★

Akasaka Tokyo Building, 11 Floor, 2-14-3, Nagata-cho, Chiyoda-ku, Tokyo 100, JAPAN;

PH: 81/03/593-2501 TLX: 23-7402322 (SOYA-UC); FAX: 81/3/593-9177.

CONTACT: Lars Wiedermann, Dir.

FOUNDED: 1956

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture, Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

Japan Margarine, Shortening and Lard Industries Association ★

27-8, 3-Chome, Nihonbashi, Hamacho, Chuo-ku, Tokyo 103, JAPAN; PH: 03/666-6159.

CONTACT: Mitsuo Shimura, Man. Dir.

FOUNDED: 1947

MEMBERSHIP: 26 firms, manufacturers of margarine, shortening, refined lard, refined processed oils and fats, fats spreads, etc.

OBJECTIVES & ACTIVITIES: Cultivate mutual friendship and exchange information; improve production technology and ensure sanitation, distribution and promotion of safety for edible processed oils and fats; improve distribution and promote consumption of edible processed oils and fats; support research and development; compile statistics and information; and to submit a report to enquiries by government and municipal offices offering the industries opinions.

Japan Oilseed Processors Association

Yushi Kogyo Kaikan Building, 13-11, 3-Chome, Nihonbashi, Tokyo 103, JAPAN; PH: 03/271-2705;

FAX: 03/271-2707.

CONTACT: Hiroshi Higashimori, Man. Dir.

FOUNDED: 1962

MEMBERSHIP: 30 Japanese oilseed processors.

OBJECTIVES & ACTIVITIES: To protect the interests of members and the industry.

PUBLICATIONS: Wagakuni No Yushijijyo (Report on Oil & Fats) annually, ¥2,200.00; Yushi Geppo (Report on Oil & Fats) monthly, ¥800.00.

Japan Vegetable Protein Food Association ★

5th Floor, Yamagata Building, 1-23-10 Toranomon, Minato-ku, Tokyo 107, JAPAN;
PH: 03/591-2524.

CONTACT: Kazuo Imaisumi, Man. Dir.

FOUNDED: 1975

MEMBERSHIP: 14 manufacturers of soy protein and wheat protein.

OBJECTIVES & ACTIVITIES: We are a quasi-governmental agency of MAFF (Food, Oils and Fats Division) subsidized by MAFF which conducts market research on utilization of vegetable proteins in association with MAFF; represent member companies in negotiations with MAFF on regulatory matters; conduct promotional campaigns.

Nihon Shoyu Kyokai ★

(The Japan Soy Sauce Brewers Association)

No. 11-3, Koami-cho, Nihonbashi, Chuo-ku, Tokyo 103, JAPAN; PH: 81/03/666-3286.

CONTACT: Kyujiro Itoh, Man. Dir.

FOUNDED: 1948

MEMBERSHIP: 5 firms and 1 organization representing 2,700 soy sauce manufacturers.

OBJECTIVES & ACTIVITIES: Promote the international soy sauce industry.

Yuryo Yushutsunyu Kyogikai ★

The Japan Oil & Fat Importers & Exporters Association (JOFIEA)

6th Floor, Kyodo Building (Shinhoridome), 10-12, Nihonbashi Horidome-cho, Chuo-ku, Tokyo 103, JAPAN; PH: 03/662-9821; FAX: 03/667-7867.

CONTACT: Hideo Kawahara, Exec. Dir.

FOUNDED: 1951

MEMBERSHIP: 20 firms or organizations which are trading houses for oilseeds, oils & fats.

OBJECTIVES & ACTIVITIES: To coordinate import & export transactions for soybeans, oil-bearing seeds.

PUBLICATIONS: Statistics of Oilseeds, Oils & Oilcakes, annual, free of charge.

Zenkoku Margarine Seizo Kyodo Kumiai ★

(Japan Margarine Manufacturers Cooperative)

3-27-8, Nihonbashi Hamacho, Chuo-ku, Tokyo 103, JAPAN; PH: 81/03/661-2561.

CONTACT: Shigeru Iwama, Exec. Dir.

FOUNDED: 1955

MEMBERSHIP: 12 manufacturers of margarine, shortening, refined lard and/or other processed edible oil products.

OBJECTIVES & ACTIVITIES: Arrange joint business transactions (purchases, sales, etc.) and financing for members; promote and protect the interests of members.

Zenkoku Tofu Aburage Shoko Kumiai Rengokai ★

(Japan Tofu & Fried Tofu Association)

1-16-22 Ueno, Taito-ku, Tokyo 110, JAPAN; PH: 81/03/833-9351.

CONTACT: Tetsuya Sato, Gen. Mgr.

FOUNDED: 1939

MEMBERSHIP: 13,714 individuals (tofu manufacturers) who belong to 46 prefectural tofu associations.

OBJECTIVES & ACTIVITIES: Support the management of member tofu shops through education programs on tofu marketing, including labeling requirements; data collection of tofu industries; cooperative purchase of raw materials, cleaning and distribution of soybeans; tofu and soymilk point of sales promotions.

PUBLICATIONS: Zentoren-Dayori, monthly, free.

KENYA**National Cereals & Produce Board (GA)**

P.O. Box 30586, Nairobi, KENYA; PH: 555288 or 555708; TLX: 22769 (MARKETER).

CONTACT: William K. A. Kikwai, Man. Dir.

**KOREA, REPUBLIC OF
(SOUTH KOREA)****Agriculture & Fishery Marketing Corp. ★ (GA)**

191, 2-ka, Hankang-Ro, Yongsan-ku, Seoul, SOUTH KOREA; PH: 82/2/795-8201; TLX: 23297 (AAFMC K).

CONTACT: Jin Kyu Kim, Vice Pres.

OBJECTIVES & ACTIVITIES: Soybean sprouts.

American Soybean Association/South Korea ★

Press Center, 8th Floor, 25, Taepyeong-ro 1-ka, K.P.O. Box 1704, Seoul 100-745, SOUTH KOREA; PH: 02/738-7056; TLX: K22276 (ASASEL); FAX: 82/2/736-5501.

CONTACT: Kyung Lee, Dir.

FOUNDED: 1920

MEMBERSHIP: 550,000 individuals.

OBJECTIVES & ACTIVITIES: To expand the U.S. soybean market in the world. To achieve this goal, ASA operates 11 overseas offices whose activities include: consumer education, trade servicing, organizing trade teams and seminars, publishing technical papers, etc.

Korea Feed Association ★ (GA)

1581-13 Seocho-dong, Kangnam-ku, Seoul, SOUTH KOREA; PH: 82/2/581-5731; TLX: 22835 (KOFEE K).

CONTACT: Keel Chung Chi, Gen. Mgr., Bus. Dept.

OBJECTIVES & ACTIVITIES: Soybean meal.

Korean Soybean Curd Cooperative Federation ★ (GA)

Hyo Bong Bldg., Room 201, 1306-1, Seo-Dong, Kang nam-ku, Seoul 135, SOUTH KOREA; PH: 82/2/725-6763 or 722-1720 or 725-7273.

CONTACT: Jum Rak Kim, Pres.

National Agricultural Cooperative Federation (NACF) ★ (GA)

1-75, Choong Geong-Ro, Joong ku, Seoul 100, SOUTH KOREA; PH: 082/02/737-0021; TLX: 27421 (NACOA K).

CONTACT: Yong Sung Hah, Dpty. Gen. Mgr.

OBJECTIVES & ACTIVITIES: Food soybeans.

National Livestock Cooperative Federation ★ (GA)

17-9, Yoido-dong, Youngdungpo-ku, Seoul, SOUTH KOREA; PH: 82/2/783-0051; TLX: 23517 (NALICOF K).

CONTACT: Ki Kil Chun, Gen. Mgr., Feed Dept.

OBJECTIVES & ACTIVITIES: Soybean meal.

MEXICO

American Soybean Association/Mexico & Caribbean Basin ★

Rio Sena No. 26, Col Cuauhtemoc, Mexico City 06500, D.F., MEXICO; PH: 566-9490 or 705-1633; TLX: 023-740-7461 (SOYA UC); FAX: 52/5/705-1758.

CONTACT: Kenneth Shwedel, Dir.

FOUNDED: 1946

MEMBERSHIP: 14 individuals.

OBJECTIVES & ACTIVITIES: We represent U.S. soybean farmers providing soybean users with: technical information and assistance in processing and refining soybeans and products, marketing and promotion programs for soybeans and products, as well as nutrition information and assistance in formulating livestock feeds and human diets.

PUBLICATIONS: Soyannoticias, quarterly, no charge.

Asociacion Mexicana de Especialistas en Nutricion Animal, A.C. ★

(Mexican Association of Animal Nutrition Scientists)

Rio Coatzacoalcos #1, Cuernavaca 62290, Morelos, MEXICO; PH: 52/73/154738;

FAX: 52/73/151098.

CONTACT: Francisco J. Tirado, Nutr. Mgr.

FOUNDED: 1972

MEMBERSHIP: 400 individuals; 70 firms or organizations, agronomists, veterinarians, chemists at the Bachelor, Master and Ph.D. degree level of the sciences.

OBJECTIVES & ACTIVITIES: Increase people's and technicians' knowledge of animal requirements, husbandry, chemical analyses of raw material through modern techniques. Organizing symposiums, seminars and national and international congresses yearly in order to improve technicians' knowledge.

PUBLICATIONS: 4th National Congress, 1989, annual, no cost.

Asociacion Nacional de Especialistas en Ciencias Avicolas. Mexico (ANECA)

(Mexican Association of Avian Pathologists)

Hacienda de Canutillo No. 8-4, Col. Villa Quietud, P.O.B. 22-814, Mexico D.F. 04960, MEXICO; PH: 5/6711354.

CONTACT: Ernesto S. Priante, Library Coordinator

FOUNDED: 1970

MEMBERSHIP: 500 individuals, 5 organizations working in the poultry industry.

OBJECTIVES & ACTIVITIES: Promote the education of students and veterinarians working in the poultry industry to improve the educational grade.

MOROCCO

Service de Industries Alimentaires Direction de l'Industrie ★ (GA)

Minister du Commerce et de l'Industrie, Rabat, MOROCCO; PH: 64502; TLX: 31872.

CONTACT: Dir. Gen.

NETHERLANDS

Vereniging van Nederlandse Fabrikanten van Eetbare Ollen en Vetten (VERNOF) ★

(Dutch Seed Crushers and Oil Processors Association)

Raamweg 44, 2596 HN, The Hague, NETHERLANDS; PH: 31/70/468812; TLX: 32616 (OVEMA NL).

CONTACT: C. J. M. Meershoeck, Exec. Dir.

FOUNDED: 1912

MEMBERSHIP: 11 firms; seed crusher and oil processing companies.

OBJECTIVES & ACTIVITIES: Represent and defend the economic interests of member companies as well as those of the national and international industry.

NICARAGUA

Empresa Nicaraguenese de Alimentos Basicos (ENABAS) ★ (GA)

Frsnte Cerveceria, Victoria, Antiguo Ince, Managua, NICARAGUA.

CONTACT: Urias Ugalde, Mgr.

NIGERIA

Ministry of Agriculture & Natural Resources ★ (GA)

P.M.B. 2038, Makurdi, Benue State, NIGERIA.

CONTACT: Chief Agricultural Officer

State Department of Agriculture ★ (GA)

17/27 Moloney Street, P.M.B. 2613, Lagos, NIGERIA; PH: 632601 or 632231;

CABLE: FEDAG Lagos.

CONTACT: C. C. Anojulu, Dir.

PAKISTAN

Pakistan Poultry Association

47-A, Modern Housing Society, Block 788, Tipu Sultan Road, P.O. Box 18108, Karachi 75350, Sind, PAKISTAN; PH: 438931; TLX: 25736 (KAYS PK) (Attn: PPA).

CONTACT: Moxafer Islam, Central Secy.

FOUNDED: 1979

MEMBERSHIP: 3500 firms or organizations; 10,000 poultry farmers; 150 hatcheries; 120 feed mills; and allied members of equipment dealers, pharmaceuticals, supplies, egg & chicken dealers, etc.

OBJECTIVES & ACTIVITIES: To provide facilities for and foster, encourage, secure and maintain a good and close relationship and unanimity among members and the trade in general and to promote and protect their business interests. Also, to do all that is necessary for the furtherance and development of poultry farming in Pakistan.

PUBLICATIONS: Pakistan Poultry, monthly, US \$60.

PANAMA

Institute de Mercadeo Agropecuario (IMA) ★ (GA)

Apartado 5638, Panama City 2, PANAMA; PH: 507/61-1602.

CONTACT: Jose Barrios

PERU

Empresa Nacional de Comercialización de Insumos (ENCI) (GA)

EXCLUSIVE TRADING AGENCY

Camino Real 111, 5º Piso - San Isidro, Casilla 1834, Lima 27, PERU; PH: 51/14/409359; TLX: 21529/30/31/32/33 (PE-ENCIPERU); FAX: 51/14/409359.

CONTACT: Maria C. Rodriguez Pastor, Imports Mgr.

FOUNDED: 1973

OBJECTIVES & ACTIVITIES: To import and commercialize foodstuffs and fertilizers in the national market.

PHILIPPINES

National Food Authority ★ (GA)

Matimyas Bldg., 101 E. Rodriguez Avenue, Quezon City, PHILIPPINES; PH: 63/2/712-1575; TLX: 075-742-42007 (NGA PM).

CONTACT: Roberto H. Goce, Dir., Int'l. Mktg.

OBJECTIVES & ACTIVITIES: Importer of soybeans and soybean meal for emergency needs.

Soybeans, meal, soybean oil and other soybean products are also purchased by the private sector.

Philippine Association of Feedmillers, Inc.

Maligaya Building III, Room 302, Quezon City 1111, PHILIPPINES; PH: 721-0906 or 722-2912.

CONTACT: Augusto L. de Leon, Pres.

FOUNDED: 1951

MEMBERSHIP: 11 firms; manufacturers of animal feeds.

OBJECTIVES & ACTIVITIES: Work together for members' common good; cooperate with government in enhancing economic progress and developing the country's livestock industry.

POLAND

ROLIMPEX ★ (GA)

ul. Chalubinskiego 8, P.O. Box 364, Warsaw 00613, POLAND; PH: 48/22/30-0633; TLX: 814341.

CONTACT: Andrzej Cieslakiewicz, Dir.

PORTUGAL

Associação Portuguesa dos Industriais de Alimentos

Compostos para Animais (I.A.C.A.) ★

(Portuguese Association of Feed Manufacturers)

Av. 5 de Outubro, 21-2º Esq., P-1000 Lisbon, PORTUGAL; PH: 351/1-535091; TLX: 42510

(IACA P); FAX: 351/1-2480217.

CONTACT: Luis Marques, Gen. Secy.

FOUNDED: 1975

MEMBERSHIP: 2 individuals and 88 firms; certified feed manufacturers.

OBJECTIVES & ACTIVITIES: Promote feed production; survey markets; provide studies and information on raw materials, animal feed legislation, general economic questions.

PUBLICATIONS: Informacao 1, twice each month; Informacao 2, irregularly.

ROMANIA

Prodexport ★ (GA)

Piatza Walter Maracineanu 1-3, Bucharest, ROMANIA; TLX: 11527.

CONTACT: Aurel Antoniu, Gen. Mgr.

OBJECTIVES & ACTIVITIES: Soybeans, soy meal and soybean pellets.

SAUDI ARABIA

Grain Silos & Flour Mills Organization (GA)

P.O. Box 3402, Riyadh 11471, SAUDI ARABIA; PH: 464-3500; TLX:402560 (SAWAMI).

CONTACT: Hamad Toaimi, Foreign Purchasing Mgr.

SINGAPORE

American Soybean Association/Southeast Asia ★

541 Orchard Road, #11-03 Lait Towers, Singapore 0923, SINGAPORE; PH: 737-6233 or 737-6561; TLX: 786-56971 (USSOY RS).

CONTACT: David Thomason, Dir.

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture, Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

SOUTH AFRICA

Oilseeds Board (GA)

P.O. Box 211, Pretoria 0001, SOUTH AFRICA; PH: 325-5000; TLX: 5320894 or 5321346.

CONTACT: Gen. Mgr.

SPAIN

American Soybean Association/MidEast, Iberia & Africa ★

Juan Alvarez Mendizabal #3, 3, Madrid 28008, SPAIN; PH: 242-2900; TLX: 46008 (SOYA E); FAX: 34/1/542-6123.

CONTACT: Arno Partner, Regional Dir.

FOUNDED: 1920 (main office)

MEMBERSHIP: 422,000 soybean farmers.

OBJECTIVES & ACTIVITIES: To promote markets, uses and policies that allow U.S. soybean farmers to produce and sell soybeans competitively and profitably; to continue increases in demand for U.S. soybeans through free and open access into worldwide markets; to assure adequate support for soybean utilization and production research.

PUBLICATIONS: Animal Nutrition Highlights (French, Spanish), bi-monthly, free; Human Nutrition Highlights (French, Spanish), bi-monthly, free; Animal Nutrition Research Highlights, bi-monthly, free.

— To Order Additional Soya Bluebooks See Order Form On Page 360 —

Asociacion Española de Exportadores de Acelte de Soja

(Spanish Soybean Oil Exporters Association)

Calle Diego de Leon, 34, 3º A, Madrid 28006, SPAIN; PH: 34/1/262-1431; TLX: 44092 (SOYE E); FAX: 262-1431.

CONTACT: Georges Laffaille, Gen. Mgr.

FOUNDED: 1981

MEMBERSHIP: 6 major Spanish soybean crushing plants.

OBJECTIVES & ACTIVITIES: To channel the soybean oil (crude & refined) exports of the Association's members; to provide them with all pertinent information necessary to their activity; to maintain contacts with Spanish official entities and important international bodies related to soybean oil exports.

Asociacion Española de Fabricantes de Margarina ★

(Spanish Association of Margarine Manufacturers)

Apartado 791, 48080 Bilbao, SPAIN; PH: 34/4/463-4400; TLX: 32737 (AGRASA).

CONTACT: F. Javier Herrero-Velarde, Pres.

FOUNDED: 1978

MEMBERSHIP: 350 individuals; 15 firms.

OBJECTIVES & ACTIVITIES: Defend the interests of Spanish feed manufacturers.

Confederacion Espanola de Fabricaños de Alimentos Compuestos Para Animales (CESFAC)

(Spanish Association of Feed Manufacturers)

Gran Via, 68-1º, 28013 Madrid, SPAIN; PH: 1/542-0505; TLX: 27270 (GRUPI-E); FAX: 1/2480217.

CONTACT: Manuel G. Mendez, Dir.

FOUNDED: 1987

MEMBERSHIP: 35 individuals, 15 firms or organizations.

OBJECTIVES & ACTIVITIES: Defend the interests of Spanish feed manufacturers.

SWEDEN

Föreningen Svenska Margarintillverkare

(Association of Swedish Margarine Manufacturers)

Box 5501, Stockholm S-11485, SWEDEN; PH: 08/783-8000; TLX: 19990 (SWEDIND S).

CONTACT: Goran Holmquist, Dir. General

FOUNDED: 1982

MEMBERSHIP: 3 firms; margarine manufacturers.

Nordiskt Forum for Lipid Forskning och Teknologi (LIPIDFORUM) ★

(Scandinavian Forum for Lipid Research and Technology)

c/o SIK - The Swedish Food Institute, Box 5401, S-40229 Goteborg, SWEDEN; PH: 46/31/400120; TLX: 21651 (SIK S).

CONTACT: Reinhard Marcuse, Secy. Gen.

FOUNDED: 1969

MEMBERSHIP: Approximately 500 individuals and 100 firms; individuals, scientific institutions and industrial companies.

OBJECTIVES & ACTIVITIES: Arrange meetings: (1) "Scandinavian Symposia on Lipids", each second year with broad spectrum programs alternating in the five Nordic countries, (2) specialized symposia on specific items.

PUBLICATIONS: Newsletters, 2 times/yr, free to members; Proceedings, for purchase by members and non-members; list available.

SYRIA

Foreign Trade Organization for Chemicals & Foodstuffs (GEZA) (GA)

P.O. Box 893, Damascus, SYRIA; PH: 228521 or 225421; TLX: 411009 or 411370 (GEZA SY).

CONTACT: Ilfat Haman, Dir., Veg/Oil Dept.

General Organization for Fodder (GA)

P.O. Box 4797, Damascus, SYRIA; PH: 221893 or 221689; TLX: 411089 or 411124 (ALAF SY).

CONTACT: Omar Kholani, Dir. Gen.

OBJECTIVES & ACTIVITIES: Importer of soybean meal.

TAIWAN

American Soybean Association/Taiwan ★

Kwang-Wu Building, Room 603, 386 Tun Hua South Road, Taipei 10099, TAIWAN ; PH: 781-2110 or 781-5880; TLX: 785-19422 (USBEANS).

CONTACT: Steve Chen, Dir.

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture, Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

The Asian Vegetable Research and Development Center (AVRDC) ★

P.O. Box 42, Shanhua, Tainan 74199, TAIWAN; PH: 06/583-7801; TLX: 73560 (AVRDC);

FAX: 06/583-0009.

FOUNDED: 1972

MEMBERSHIP: Worldwide.

PUBLICATIONS: Annual Progress Report, annual, \$20 U.S.; Centerpoint, annual.

Food Industry Research & Development Institute ★

331 Food Road, P.O. Box 246, Hsinchu 30038, TAIWAN; PH: 886/035/223191;

FAX: 886/035/214016.

CONTACT: Paul C. Ma, Dir.

FOUNDED: 1967

MEMBERSHIP: 209 individuals and 1 firm or organization. The government: agriculture, economy, health and service. The industry: canning, frozen, fermentation, flavor and packaging.

OBJECTIVES & ACTIVITIES: To carry out basic and applied research on food science, technology and microbiology to help the local food industry (including soybean oil, tofu, soymilk, yuba and related soyfoods). Supplying market information, organizing training programs and providing chemical analysis for the food industries.

PUBLICATIONS: Food Industry (in Chinese), monthly, US \$34; Annual Report (both Chinese & English), annual, free; Food Industry Almanac (in English), annual, US \$20; Research Report (both Chinese & English), non-periodic, US \$3; Market Information (in Chinese), every 2 weeks, NT \$2,000.

Taiwan Feed Industries Association ★

368 Fu-Shing South Road, Section 1, 9th Floor, Taipei 10640, TAIWAN; PH: 886/2/702-8070.

CONTACT: K. C. Lin, Chrmn.

FOUNDED: 1966

MEMBERSHIP: 113 feed mills and feed traders; manufacturers of mixed feeds.

OBJECTIVES & ACTIVITIES: Act as a liaison between government and members on procurement and production; coordinate and provide technical and market information.

Taiwan Soy Sauce Industry Association ★

24 Pei-Ping East Road, 4th Floor - 3, Taipei, TAIWAN; PH: 886/2/341-0739 or 351-7726.

CONTACT: M. C. Chang, Secy. Gen.

FOUNDED: 1972

MEMBERSHIP: Manufacturers of soy sauce, miso and condiments.

OBJECTIVES & ACTIVITIES: Act as a liaison between government and members on procurement and production; coordinate and provide technical and market information.

Taiwan Tofu Association ★

9, Lane 133, Tai-Yuan Road, Taipei 102, TAIWAN; PH: 886/2/541-4494.

CONTACT: Y. P. Yang, Secy. Gen.

FOUNDED: 1954

MEMBERSHIP: Manufacturers of tofu, spiced dried tofu and tofu skin or involved in soyfood production and marketing.

OBJECTIVES & ACTIVITIES: Act as liaison between government and members on procurement and production; coordinate and provide technical and market information to members.

Taiwan Vegetable Oil Manufacturers Association ★

Chang-An East Road, 6th Floor, Pai-Fu Building 27, Section 1, Taipei 104, TAIWAN;

PH: 886/2/561-6351.

CONTACT: Daniel Yang, Secy. Gen.

FOUNDED: 1952

MEMBERSHIP: Manufacturers of soybean oil, soybean meal, peanut oil and salad oil or those involved with vegetable oil refining.

OBJECTIVES & ACTIVITIES: Act as liaison between government and members on procurement and production; coordinate and provide technical and market information.

TUNISIA

Banque National de Developpement ★ (GA)

Agricole, 3, Rue Jugurtha, 1002 Tunis, TUNISIA.

CONTACT: Ferid Mokhtar, Pres.

Institut National de Nutrition & Technologie Alimentaire ★ (GA)

Rue Aristide Briand, 1006 Bab Saadoun, Tunis, TUNISIA; PH: 663770.

CONTACT: Zouheir Kallel, Dir.

Ministry of Agriculture ★ (GA)

30, Rue Alain Savary, 1002 Tunis, TUNISIA.

CONTACT: Habib Najjar, Pres.

Union Tunisienne Industrie du Commerce et de l'Artisanat (UTICA) (GA)

103, Avenue de la Liberte, 1002 Tunis, TUNISIA; PH: 253434 or 253724; TLX: 13982.

CONTACT: Abdelkader Chaouch, Pres.

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UNITED SOVIET SOCIALIST REPUBLIC (U.S.S.R.)

PRODSYRIO Division of v/o EXPORTKHLEB ★ (GA)

Smolenskaja-Sennaja, 32/34, G-200 Moscow, U.S.S.R.; TLX: 411145.

CONTACT: V.K. Mishin, Dir.

OBJECTIVES & ACTIVITIES: Sole importer of oilseeds and meal.

UNITED STATES OF AMERICA (U.S.A.)

The American Association of Cereal Chemists (AACC) ★

3340 Pilot Knob Road, St. Paul, MN, 55121 U.S.A.; PH: 612/454-7250; TLX: (MCI/WUI)

6502439657; FAX: 612/454-0766.

CONTACT: Raymond J. Tarleton, Exec. Vice Pres.

FOUNDED: 1915

MEMBERSHIP: 3,466 individuals, 234 firms or organizations; cereal science professionals throughout the U.S. and 90 other countries. Among its members are government and academic scientists as well as technically trained persons working within the cereal processing industries.

OBJECTIVES & ACTIVITIES: Members share the common desire to improve themselves through broadening their understanding of cereal science, stimulating their professional contacts and increasing their potential for advancement. The unique professional services, publications, meetings and activities provided by the AACC help members to achieve their goals.

PUBLICATIONS: Cereal Foods World, monthly, \$60/yr U.S., \$85/yr elsewhere; Cereal Chemistry, bi-monthly, \$120/yr U.S., \$135/yr elsewhere.

American Farm Bureau Federation ★

225 Touhy Avenue, Park Ridge, IL, 60068 U.S.A.; PH: 708/399-5748; FAX: 708/399-5896.

CONTACT: Timothy Price, Dir., Wheat, Feed Grains & Soybeans Dept.

FOUNDED: 1919

MEMBERSHIP: 3.7 million farmers and ranchers in U.S.

OBJECTIVES & ACTIVITIES: Independent, non-governmental, voluntary organization of farm and ranch families united for the purpose of analyzing their problems, formulating action to achieve educational improvement, economic opportunity, social advancement and thereby, promote the national well-being.

PUBLICATIONS: Farm Bureau News, weekly.

American Feed Industry Association, Inc. ★

1701 N. Ft. Myer Drive, 12th Floor, Arlington, VA, 22209 U.S.A.; PH: 703/524-0810;

FAX: 703/524-1921.

CONTACT: Barbara Estridge, Corp. Secy.

FOUNDED: 1909

MEMBERSHIP: 600 firms or individuals who manufacture and/or market animal feed, sell products incorporated into animal feed, sell equipment or supplies and services used in the manufacture and distribution of animal feed.

American Oil Chemists' Society (AOCS) ★

1608 Broadmoor Drive, P.O. Box 3489, Champaign, IL, 61821 U.S.A.; PH: 217/359-2344;

TLX: 4938651 (AOCS UI); FAX: 217/351-8091.

CONTACT: James C. Lyon, Exec. Dir.

FOUNDED: 1909

MEMBERSHIP: 4,000 individuals, 2,000 firms or organizations; AOCS is the professional home for more than 4,000 members in 80 nations working in edible fats and oils, lipids, soaps, surfactants and detergents, oleochemicals, proteins, nutrition, plant lipids, and related disciplines.

OBJECTIVES & ACTIVITIES: To be a forum for the exchange of ideas, information, and experience



In the United States and Around the World

The American Soybean Association represents U.S. soybean farmers providing soybean users: • **Technical Information and Assistance** in processing and refining soybeans and products • **Marketing and Promotion Programs** for soybeans and products • **Nutrition Information and Assistance** in formulating livestock feeds and human diets

The American Soybean Association has offices in:

MEXICO & THE CARIBBEAN BASIN

Rio Sena No. 26
Colonia Cuauhtemoc
MEXICO, D.F. 06500
Telephone: 566-9490
Telex: 23 7407461 (SOYA UC)

NORTH EUROPE

Pelzerstrasse 13
2000 Hamburg 1
FEDERAL REPUBLIC OF
GERMANY
Telephone: 33-0516
Telex: 841-2163420 (SOYAD)

KOREA

Press Center, 8th Floor
25, Taepyeongro 1-Ka
Chung-Ku
Seoul, KOREA
Telephone: 738-7056
Telex: 787-22276
(ASASELK22276)

EAST EUROPE

Gatterburggasse 18/2/3
A-1190 Vienna, AUSTRIA
Telephone: 36 82 18
Telex: 847-135132 (AMSOYA)

PEOPLE'S REPUBLIC OF CHINA

Citic International Building
25th Floor, Room 4
19 Jianguomenwai Street
Beijing 100004, PEOPLE'S
REPUBLIC OF CHINA
Telephone: 512-7125

JAPAN

Akasaka Tokyu Building
11th Floor
2-14-3 Nagatacho
Chiyoda-Ku
Tokyo 100, JAPAN
Telephone: 593-2501
Telex: 23 7402322 (SOYA UC)

IBERIA, MIDDLE EAST & AFRICA

Juan Alvarez Mendizabol #3,3°
Madrid 28008, SPAIN
Telephone: 542-2900/
6212/7212
Telex: 831-46008 (SOYAB)

TAIWAN

Room 603, Kwang-Wu Building
No. 386, Tun Hua South Road
Taipei, TAIWAN, ROC
Telephone: 781-2110

SOUTH AMERICA

Centro Plaza, Torre C, Piso 18
Av. Francisco de Miranda
Los Palos Grandes
Caracas 1062, VENEZUELA
Telephone: 283-2329
Telex: 395-29119 (USATOVC)

SOUTH ASIA

541 Orchard Road
11-03 Liat Towers
REPUBLIC OF
SINGAPORE 0923
Telephone: 737-6233
Telex: 23 740 7820 (BEANS UC)

WEST EUROPE

Centre International Rogier
Rooms 2501-2506, Boite 521
1210 Brussels, BELGIUM
Telephone: 217 20 75
Telex: 846-26128 (AMSOYAB)

American Soybean Association WORLD HEADQUARTERS

540 Maryville Centre Drive, Suite 400, Box 27300 St. Louis, MO 63141-1700
Phone: 314/576-1770 TELEX: 23 740 7716 SOYA UC FAX: 314/576-2786

among those with a professional interest in the science and technology of fats, oils, and related substances in ways that promote personal excellence and provide for high standards of quality.

PUBLICATIONS: Journal of the American Oil Chemists' Society (subscriber also receives INFORM), monthly, \$150/yr. (lib. and instit.); LIPIDS, monthly, \$175/yr. (lib. and instit.); INFORM (membership pub.), monthly, \$100/yr. (lib. and instit.).

The American Phytopathological Society ★

3340 Pilot Knob Road, St. Paul, MN, 55121 U.S.A.; PH: 612/454-7250; TLX: (MCI/WUI) 6502439657; FAX: 612/454-0766.

CONTACT: Raymond J. Tarleton, Exec. Vice Pres.

FOUNDED: 1908

MEMBERSHIP: 4,529 individuals and 59 firms or organizations representing a broad cross-section of the scientific community including research scientists, teachers, extension specialists, students, sales representatives, administrators, technicians, agricultural field representatives, and pest management personnel.

OBJECTIVES & ACTIVITIES: The common goal of this diversified group is to promote knowledge of plant science through publications, meetings, symposia, workshops and special activities.

PUBLICATIONS: Phytopathology, monthly, \$185/yr (U.S. individuals), \$220/yr (individuals elsewhere); Plant Disease, monthly, \$65/yr (U.S. individuals), \$95/yr (individuals elsewhere).

American Soybean Association (ASA) ★

540 Maryville Centre Drive, Suite 400, P.O. Box 27300, St. Louis, MO, 63141 U.S.A.; PH: 314/576-1770; FAX: 314/576-2786.

CONTACT: Dr. Kenneth L. Bader, CEO

FOUNDED: 1920

MEMBERSHIP: Active members: 32,000 U.S. soybean farmers.

OBJECTIVES & ACTIVITIES: Promoting soybeans and soybean products; conducting research to find new or improved uses for soybeans; conducting research to increase production efficiency; and formulating policies—domestic and trade—to enhance use of soybeans.

PUBLICATIONS: SOYBEAN DIGEST magazine, 12 times/yr, \$20 U.S., \$25 Canada, \$276 (membership in ASA) elsewhere; SOYBEAN UPDATE newsletter, 40 times/yr, ASA members only.

See Our Display Ad/Previous Page

Association of American Feed Control Officials (AAFCO) ★

P.O. Box 3160, College Station, TX, 77841-3160 U.S.A.; PH: 409/845-1121; FAX: 409/845-1389.

CONTACT: Barbara J. Sims, Secy.

FOUNDED: 1909

MEMBERSHIP: 56 state and federal organizations involved with commercial feeds and feed ingredients.

OBJECTIVES & ACTIVITIES: Establish uniform regulations, definitions and standards of feed ingredients.

PUBLICATIONS: AAFCO Official Publication, annual, \$20/yr.

CARE

660 1st Avenue, New York, NY, 10016 U.S.A.; PH: 212/779-7803; FAX: 212/683-1099.

CONTACT: Phillip Johnston, Exec. Dir.

OBJECTIVES & ACTIVITIES: Our purpose is to help the developing world's poor in their efforts to achieve social and economic well-being. CARE supports processes that create competence and become self-sustaining over time. Our task is to reach new standards of excellence in offering technical assistance, training, food, other materials resources and management in combinations appropriate to local needs and priorities. CARE also advocates public policies and programs that support these ends.

Institute of Food Technologists

221 N. LaSalle Street, Suite 300, Chicago, IL, 60601 U.S.A.; PH: 312/782-8424;
FAX: 312/782-8348.

CONTACT: Howard W. Mattson, Exec. Dir.

FOUNDED: 1939

MEMBERSHIP: 23,000 individuals; members are active in academic, industrial and governmental institutions and are concerned with food science, which attempts to understand the scientific basis underlying the efficient provision of a nutritious, safe and acceptable diet. Other work in food technology, which applies this basic knowledge to the practical development of food sources, products and processes.

OBJECTIVES & ACTIVITIES: The Institute of Food Technologists is a professional scientific society whose purpose is to implement the professional and scientific interests of its members.

PUBLICATIONS: Food Technology, monthly, incl. w/membership, non-members \$60 domestic; Journal of Food Science, bi-monthly, members \$15 a year, non-members \$60 domestic, all others \$70.

Institute of Shortening and Edible Oils

1750 New York Avenue, N.W., Washington, DC, 20006 U.S.A.; PH: 202/783-7960;
FAX: 202/393-1367.

CONTACT: Robert M. Reeves, Pres.

FOUNDED: 1934

MEMBERSHIP: 21 trade association refiners of edible fats and oils.

OBJECTIVES & ACTIVITIES: Improve welfare of edible fats & oils industry. Activities include public education programs, sponsorship of research, coordination of policy with trade associations and government.

PUBLICATIONS: Food Fats and Oils, every 4-5 years, free; Directory of Edible Oil Industry in U.S., every 5 years, \$10.

International Soybean Program (INTSOY) ★

University of Illinois, INTSOY, 113 Mumford Hall, 1301 W. Gregory Drive, Urbana, IL, 61801 U.S.A.; PH: 217/333-6422; TWX: 910/250-7619 (INTSOY); FAX: 217/333-5838.

CONTACT: Harold E. Kauffman, Dir.

FOUNDED: 1973

MEMBERSHIP: 100 individuals and 100 firms or organizations forming a loose network of research scientists in approximately 40 developing countries and approximately 10 developed countries who share the common interest of expanding the use of soy products to improve nutrition and economic development.

OBJECTIVES & ACTIVITIES: The focus of the research and development activities is on the processing and utilization of whole soybeans for human food and animal feed.

PUBLICATIONS: INTSOY Publications Series, annual, no cost; INTSOY Newsletter, quarterly, no cost; misc. brochures/publications, periodic, no cost.

Iowa Soya ★

162 West Hwy. 58, Hudson, IA, 50643 U.S.A.; PH: 319/988-4187; FAX: 319/988-3922.

CONTACT: Dennis Strayer, Pres.

FOUNDED: 1987

MEMBERSHIP: 13 individuals; 13 firms or organizations; specialty soybean producers in Iowa.

OBJECTIVES & ACTIVITIES: Our members produce exclusive varieties of specialty soybeans for human foods.

Iowa Soybean Association

1200-35th Street, #502, W. Des Moines, IA, 50265 U.S.A.; PH: 515/223-1423; FAX: 515/225-7546.

CONTACT: Marc Heiden, Acct. Exec. Dir.

FOUNDED: 1964

MEMBERSHIP: 7,300 farmers, elevator personnel, non-grower support members, chemical

representatives, commodity groups and various agriculture youth groups.

OBJECTIVES & ACTIVITIES: Promote a profitable soybean industry and inform Iowa soybean producers of current production and marketing information. To lobby for favorable government policies which benefit soybean producers.

PUBLICATIONS: Iowa Soy News, 6 issues, \$30/year.

Iowa Soybean Promotion Board

RR #3, Sumner, IA, 50674 U.S.A.; PH: 319/578-3285.

CONTACT: Earl Brandt, Dir.

MEMBERSHIP: 27,000 individuals; growers and business related.

OBJECTIVES & ACTIVITIES: A voice in soybean marketing legislation, market development and research.

PUBLICATIONS: Soy Bean Digest, monthly; Soy Bean Up Date, weekly; subscription included with membership.

Missouri Soybean Merchandising Council ★

915 Southwest Blvd, Suite F, P.O. Box 104778, Jefferson City, MO, 65110-4778 U.S.A.;

PH: 314/635-6701; FAX: 314/635-5122.

CONTACT: Kenlon Johannes, Exec. Dir.

FOUNDED: 1979

MEMBERSHIP: 27,000 farmers who contribute funds to the programs thru collections at the sale of their soybeans.

OBJECTIVES & ACTIVITIES: To provide information and resources needed to develop markets and soybean product manufacturing plants in the state of Missouri.

PUBLICATIONS: Missouri Soybean Farmer, Quarterly, Free to Producers.

National Agricultural Library ★ (GA)

NAL Building, Rm. 204, 10301 Baltimore Blvd., Beltsville, MD, 20705 U.S.A.; PH: 301/344-3755;

TWX/TLX: 710/828-0506; FAX: 301/344-5472.

CONTACT: Joseph Howard, Dir.

FOUNDED: 1862

MEMBERSHIP: The NAL serves the U.S. Department of Agriculture, Congressional, White House and other Federal staff, state and local agencies, including extension services, land-grant and other universities, libraries and individuals. Clientele include scientists, administrators, nutritionists, teachers, extension workers, farmers and the general public.

OBJECTIVES & ACTIVITIES: The National Agricultural Library (NAL) serves the USDA and the nation as an information provider for agriculture. NAL provides information services over a broad range of agricultural interests. NAL assists its users through a variety of specialized information centers. Its staff utilizes advanced information technologies to generate new information products, creating an electronic library as it improves access to the knowledge stored in its multi-media collection of almost 2 million items.

PUBLICATIONS: Agricultural Libraries Information Notes, monthly, no cost; various specialized directories, irregular, req. individually, no cost.

National Association of Margarine Manufacturers (NAMM)

1101 15th St., N.W., Suite 202, Washington, DC, 20005 U.S.A.; PH: 202/785-3232;

FAX: 202/223-9741.

CONTACT: Charles E. Ehrhart, Exec. Dir.

MEMBERSHIP: 12 manufacturers of margarine in the United States.

OBJECTIVES & ACTIVITIES: Legislative and regulatory interest to develop, coordinate and supply the public with accurate information about margarine and margarine products.

National Grain Trade Council ★

1030 15th Street, N.W., Suite 1020, Washington, DC, 20005 U.S.A.; PH: 202/842-0400;

CONTACT: Robert R. Petersen, Pres.

FOUNDED: 1936

MEMBERSHIP: 60 firms or organizations; regular members include grain exchanges, boards of trade and national grain marketing associations. Associate members represent a large cross-section of the grain marketing industry.

OBJECTIVES & ACTIVITIES: The Council's objectives and purposes are 1) to promote a better understanding among the grain trade, government agencies and the general public; 2) to advocate and defend, consistent with public interest, the principles and merits of open and competitive markets for the distribution of agricultural commodities.

PUBLICATIONS: Activity Report, monthly (no cost with membership).

National Oilseed Processors Association (NOPA) ★

NOTE: Founded in 1929 as National Soybean Processors Association; effective Aug. 1, 1989 name changed to National Oilseed Processors Association (NOPA).

1255 23rd Street, N. W., Suite 850, Washington, DC, 20037 U.S.A.; PH: 202/452-8040; TLX:

248959 (NOPA UR); FAX: 202/835-0400.

CONTACT: Sheldon J. Hauck, Pres.

FOUNDED: 1929

MEMBERSHIP: 14 regular members, 22 associate members: processors of oilseeds and consumers of vegetable oils and meals.

OBJECTIVES & ACTIVITIES: To promote the domestic and international marketing of all types of oilseed products through development of equitable trading rules for buyers and sellers of such products; to foster intense research activity aimed at improving/increasing yields and productivity of oilseed crops; to promote the sale of oilseed products internationally.

PUBLICATIONS: NOPA Yearbook & Trading Rules, annually, \$30 non-members (add \$8 for international orders).

See Our Display Ad/Back Cover

National Waterways Conference, Inc.

1130 17th Street, N.W., Suite 200, Washington, DC, 20036 U.S.A.; PH: 202/296-4415;

FAX: 202/835-3861.

CONTACT: Harry N. Cook, Pres.

FOUNDED: 1960

MEMBERSHIP: 22 individuals, 375 firms or organizations involved in waterway -related businesses, industries and agencies, including bargelines, ports and terminals, waterway shippers and waterway service firms.

OBJECTIVES & ACTIVITIES: To promote a better understanding of the public value of the American waterways system.

PUBLICATIONS: Washington Watch, monthly, \$100/yr.

Nebraska Soybean Program ★

301 Centennial Mall So., Fourth Floor, P.O. Box 95144, Lincoln, NE, 68509 U.S.A.;

PH: 402/471-4894; FAX: 402/471-3345.

CONTACT: James P. Weyer, Man. Dir.

FOUNDED: 1975

MEMBERSHIP: 1,100 individuals, 100 firms or organizations which are soybean producers, county extension agents, elevators, and agribusiness.

OBJECTIVES & ACTIVITIES: By a 1975 declaration of the State of Nebraska, soybean producers are permitted and encouraged to develop, carry out and participate in programs of research, education, market development and promotion. The Nebraska Soybean Resources Act provides this authorization and prescribes operating procedures whereby soybean producers in this state may finance programs to achieve the overall goal of improving the profitability of soybean production.

See Our Display Ad/Next Page

New Jersey Soybean Industry Advisory Council (GA)

New Jersey Dept. of Agriculture, CN 330, Trenton, NJ, 08625 U.S.A.; PH: 609/292-8853;

FAX: 609/984-5367.

CONTACT: Logan Brown, Council Liaison

FOUNDED: 1980

MEMBERSHIP: 11 individuals and 5 firms or organizations. The council members are appointed by the New Jersey State Board of Agriculture and consist of 6 N.J. soybean growers, 2 N.J. handlers or dealers of soybeans, 1 representative of the N.J. soybean processing industry, 1 Dean of Cook College (ex-officio) and 1 N.J. Secretary of Agriculture.

OBJECTIVES & ACTIVITIES: The Council is responsible for administrating programs designed to expand and improve methods of research, promotion and marketing of N.J. soybeans. These include establishing a marketing plan and guidelines assisting in the collection of information and record keeping.

PUBLICATIONS: New Jersey Soybean Industry Advisory Council Summary of Activities, annual, no charge.

Plenty U.S.A.

P.O. Box 2306, Davis, CA, 95617 U.S.A.; PH: 916/753-0731; TLX: MCI Plenty USA.

CONTACT: Laurie Praskin, Dir., Soy Programs

FOUNDED: 1974

MEMBERSHIP: 3,000 donors, individual member donors, volunteers, technical consultants, medical professionals, indigenous representatives.

OBJECTIVES & ACTIVITIES: Plenty is a non-profit, non-political organization whose objectives are to improve the quality of life for those in need. We promote self-sufficiency projects implemented in cooperation with local communities. We also work to promote a network of cultural exchange. Some of our projects include primary health care, nutrition and food processing, agriculture, alternative



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Nebraska Soybean Program

technology, public interest, environmental law and marketing of native crafts.

PUBLICATIONS: Plenty Bulletin, quarterly, donation \$25; Integrated Soy Report, \$5 (when available); Soy Demonstration Pamphlet, not available.

The Soap & Detergent Association, Glycerine & Oleochemical Division ★

475 Park Avenue, So., 27th Floor, New York, NY, 10016 U.S.A.; PH: 212/725-1262;

FAX: 212/213-0685.

CONTACT: Theodore E. Brenner, Pres.

FOUNDED: 1952

MEMBERSHIP: 18 firms who produce fatty acids and/or glycerine.

OBJECTIVES & ACTIVITIES: Provide information to members and the public on fatty acids, glycerine and their derivatives; provide a forum for discussion of industry concerns and a vehicle for industry response to regulator and/or legislative proposals.

Soy Protein Council

1255 23rd Street, N.W., Suite 850, Washington, DC, 20037 U.S.A.; PH: 202/467-6610; TLX: 248959 (NSPA UR); FAX: 202/833-3636.

CONTACT: Sheldon J. Hauck, Exec. Vice Pres.

FOUNDED: 1971

MEMBERSHIP: 3 firms engaged in processing or sale of edible soy proteins or products.

OBJECTIVES & ACTIVITIES: Build awareness of established nutritional properties of commercially available soy proteins and assist in creating better understanding of the role and utilization of soy proteins in the food systems.

Soyfoods Association of America ★

318 Main Street, P.O. Box 920, Bar Harbor, ME, 04609 U.S.A.; PH: 207/288-9419;

FAX: 207/288-5264.

CONTACT: Leslie Harlow, Exec. Dir.

FOUNDED: 1984

MEMBERSHIP: 50 firms or organizations who are manufacturers, marketers, suppliers, distributors and/or retailers of soyfood products.

OBJECTIVES & ACTIVITIES: Provide opportunities for education and exchange of ideas among industry members; create standards, sponsor cooperative marketing and public relations programs; educate consumers regarding the nutritional value of soyfoods and encourage their consumption in the American diet.

PUBLICATIONS: Association Newsletter, quarterly, free to members; Tofu Standards, free to members; discounts available on member publications.

U.S. Dept. of Agriculture, Oilseeds & Products Division ★ (GA)

14th & Independence Avenue, S.W., Room 5646-S, Washington, DC, 20250-1000 U.S.A.;

PH: 202/382-0138; TLX: 7108221104; FAX: 202/447-7670.

CONTACT: Sharon McClure, Group Leader

VENEZUELA

American Soybean Association/South America & Caribbean Basin ★

Centro Plaza, Torre C, Piso 18, Los Palos Grandes, Av. Francisco de Miranda, Caracas 1062, VENEZUELA; PH: 283-2399 or 283-7566; TLX: 395-29119 (USATO VC).

CONTACT: Jose Felix Chavez, Dir.

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture,

Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

YUGOSLAVIA

Feed Manufacturer's Association ★

Gunduliceva 45, P.O. Box 609, Zagreb 41000, YUGOSLAVIA; PH: 041/445-085 or 442-215; TLX: 22411 (PZISH YU).

CONTACT: Lidija Pavesic, Mgr., B. Vet. Sc.

FOUNDED: 1946

MEMBERSHIP: 130 feed manufacturers (premises and complete feed).

OBJECTIVES & ACTIVITIES: Improvement of feed manufacturing in Yugoslavia (both technology and nutritive); arrangement of congresses, meetings, lectures; trading with feed additives and components; representing foreign firms.

PUBLICATIONS: KRMIVA (scientific journal), monthly, 60 DEM/yr.

ZAIRE

Centre de Recherche Agro-Alimentaire (CRAAL)

Sur la route de l'Aéroport, B.P. 54, Lubumbashi, ZAIRE; PH: 22/2558.

CONTACT: Nyembo Nkonzi Kalala, Dir. Gen.

FOUNDED: 1982

MEMBERSHIP: 59 firms; food manufacturers.

OBJECTIVES & ACTIVITIES: Conduct applied research in food technology, improvement of traditional food technologies and quality control; carry out feasibility studies and act as consultant for local food industries and farmers.

ZAMBIA

Nam Board (GA)

P.O. Box 122, Lusaka, ZAMBIA.

CONTACT: Gen. Mgr.

ZIMBABWE

Commercial Farmers Union ★

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113 Moffat Street, Agricultural House, P.O. Box 592, Harare, ZIMBABWE; PH: 790423;

TLX: 22084 (CFU-ZW)

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CONTACT: George Hutchison, Chief Exec.

FOUNDED: 1967

MEMBERSHIP: 1300 individuals: commercial soyabean, groundnut (peanut) and sunflower growers in Zimbabwe.

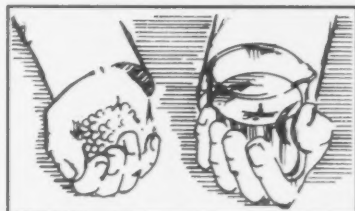
OBJECTIVES & ACTIVITIES: To promote the production of oilseed crops in Zimbabwe, to assist in oilseed crop research and promote increased utilization of oilseed crops.

PUBLICATIONS: Oilseeds Handbook (updated every 2 yrs.), US \$10 ;Farmer Magazine, weekly, US \$25/yr ; Commercial Agriculture in Zimbabwe, annual, US \$15.

Grain Marketing Board (GA)

P.O. Box 8014, Causeway, Harare, ZIMBABWE; PH: 795681; TLX: 2336.

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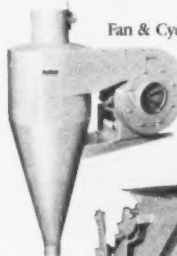


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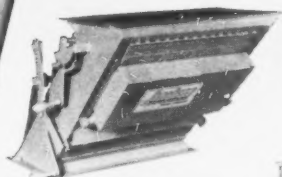
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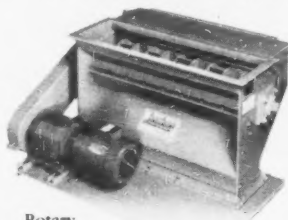
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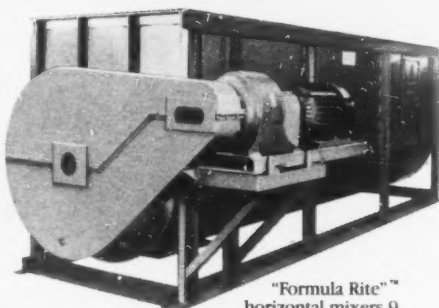
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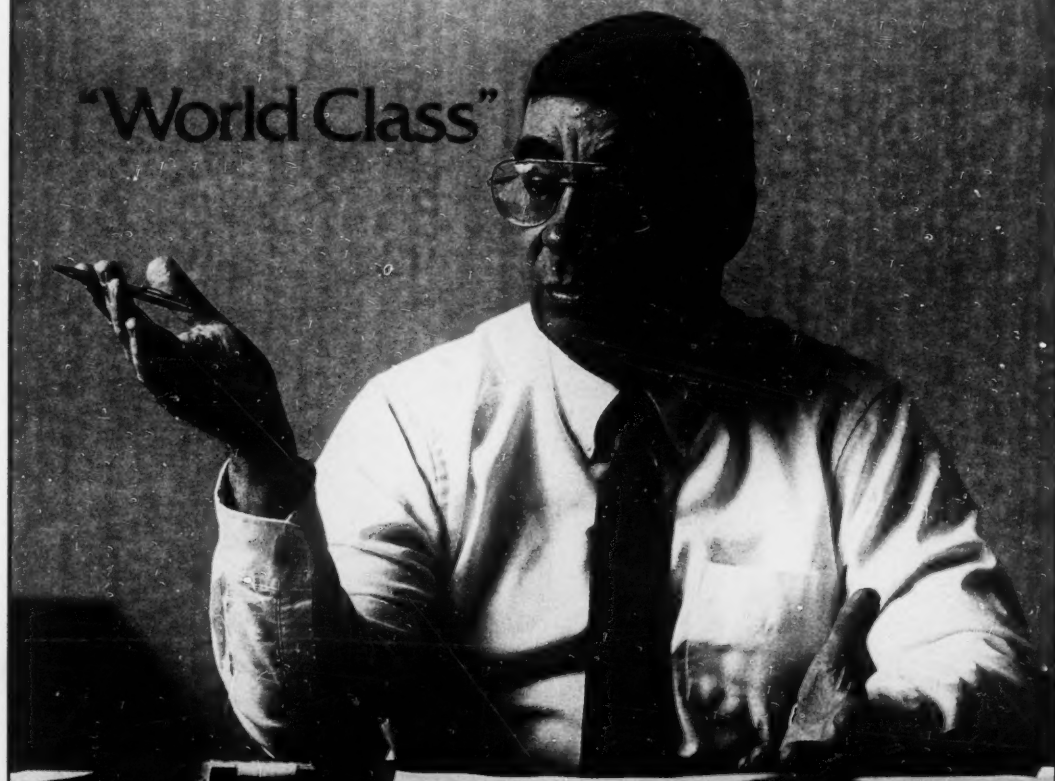
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Soybean Processors and Manufacturers of Soy-Based Products

• Companies Which Produce:

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E. Chamorro Industrial S.A., (NICARAGUA)
Cheil Sugar & Company, Ltd.,
(SOUTH KOREA)
Consorcio Oleaginoso Portuguesa S.A.
(COPOSA), (VENEZUELA)
Cooperativa Central Agropecuária Campos
Gerais Ltda., (BRAZIL)
Delmon Poultry Company, (BAHRAIN)
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Dindings Soya & Multifeeds Sdn. Berhad,
(MALAYSIA)
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Etz-Hazayith Ltd., (ISRAEL)
Fong-Mao Industries Company Ltd., (TAIWAN)
Fuji Oil Co., Ltd., Kobe Factory, (JAPAN)
Raul Garcia y Cia, S.A. de C.V. (Ragasa
Group), (MEXICO)
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General Foods Limited, (INDIA)
Great Wall Enterprise Co. Ltd., (TAIWAN)
Honen Corporation, (JAPAN)
Honeymead Products Company, (U.S.A.)
Hsiao-Kang By-Products Factory, TSC,
(TAIWAN)
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(MEXICO)
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Olivex Ltd., (ISRAEL)
Oswal Agro Mills Ltd., (INDIA)
Perdue Farms, Inc., (U.S.A.)
Premier Industries (India) Ltd., (INDIA)
Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
Pronto Pty. Ltd./Riverland Oilseed Processors,
(AUSTRALIA)
Proteinas y Grasas S.A. (PROGRASA),
(HONDURAS)
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(U.S.A.)
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Showa Sangyo Co., Ltd., Kobe Factory,
(JAPAN)
Sociedade Nacional de Saboes, Lda.,
(PORTUGAL)
Societe Industrielle des Oleagineux
(SIO), (FRANCE)
Soya Hellas S.A., (GREECE)
Thanakorn Vegetable Oil Products Co., Ltd.,
(THAILAND)
Tuottajain Rypsi Oy, (FINLAND)
West Bend Elevator Company, (U.S.A.)
West Central Cooperative, (U.S.A.)

**▼ CRUDE DEGUMMED
SOYBEAN OIL**

A.D.M. Agri-Industries, Ltd., (CANADA)
A.D.M. Europort, (NETHERLANDS)
A.D.M. Oelwerke Spyck, (FEDERAL REPUBLIC OF GERMANY)
Aceitera General Deheza S.A., (ARGENTINA)
Aceitera Matamoros, S.A. de C.V., (MEXICO)
Aceites del Caribe S.A., (COLOMBIA)
Aceites Industriales El Zapote, (MEXICO)
Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
Ag Processing, Inc., (U.S.A.)
Allana Oil Mills, (INDIA)
Alpine Solvex Limited, (INDIA)
Anupam Extractions Ltd., (INDIA)
Archer Daniels Midland Company, (U.S.A.)

Arlesa, (SPAIN)
 Avicultores y Productores El Calvario S.A. de
 C.V. (APECSA), (MEXICO)
 Bag Yagları Sanayi ve Ticaret T.A.S.,
 (TURKEY)
 Samuel Banner & Company Ltd., (ENGLAND)
 BAR Export/Import, Inc., (U.S.A.)
 Bombay Extractions Ltd., (INDIA)
 Bunge Corporation, (U.S.A.)
 Buyatti S.A.I.C.A., (ARGENTINA)
 Cake & Oil Products Pvt. Ltd., (PAKISTAN)
 Canadian Vegetable Oil Processing,
 (CANADA)
 Cargill Agrícola S.A., (BRAZIL)
 Cargill B.V., (NETHERLANDS)
 Cargill España, S.A., (SPAIN)
 Cargill Processing Ltd., (AUSTRALIA)
 Cargill S.A.C.I., (ARGENTINA)
 Cargill UK Ltd., (ENGLAND)
 Central Soya Company, Inc., (U.S.A.)
 Central Soya Utrecht B.V., (NETHERLANDS)
 E. Chamorro Industrial S.A., (NICARAGUA)
 Cheil Sugar & Company, Ltd., (SOUTH
 KOREA)
 Colfax of Philadelphia, Inc., (U.S.A.)
 Compagnia Continentale Italiana S.p.A.,
 (ITALY)
 Compagnie Cargill S.A., (FRANCE)
 Compania Continental S.A., (ARGENTINA)
 Compania Industrial y de Abastecimientos S.A.
 (CINDASA), (SPAIN)
 Compania Oleaginosa del Peru S.A.
 (COPSA), (PERU)
 Compañía Panameña de Aceites, S.A.,
 (PANAMA)
 Comshipco International, Inc., (U.S.A.)
 Consorcio Oleaginoso Portuguesa S.A.
 (COPOSA), (VENEZUELA)
 Continental Grain Company, Processing
 Division, (U.S.A.)
 Cooperativa Central Agropecuária Campos
 Gerais Ltda., (BRAZIL)
 CSP Foods Ltd., (CANADA)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
 Derivados de Oleaginosas del Valle S.A. de
 C.V., (MEXICO)
 Dong Bang Corporation, (SOUTH KOREA)
 Energe S.A., (BRAZIL)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita S. A.,
 (ECUADOR)
 FAROL S.A. Ind. Gaúcha de Farelos e Oleos,
 (BRAZIL)
 Fedflour Trading (S) Pte. Ltd., (SINGAPORE)
 Fong-Mao Industries Company Ltd., (TAIWAN)
 Foods Fats & Fertilisers Ltd., (INDIA)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Grain States Soya, Inc., (U.S.A.)

Grasas Vegetales S.A. (GRAVETAL),
 (COLOMBIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 M. Hoque Oil Mills (BD) Ltd., (BANGLADESH)
 Honen Corporation, (JAPAN)
 INDO S.A., (ARGENTINA)
 Industria e Comercio de Oleos Vegetais S.A.
 (OLVEBRA), (BRAZIL)
 Industria Gaucha de Farelos e Oleos S.A.
 (FAROL), (BRAZIL)
 Industrial Aceitera S.A., (MEXICO)
 Industrias Conasupo S.A. de C.V. (ICONSA),
 (MEXICO)
 Industrias de Aceite S.A., (BOLIVIA)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Industrias Molturadoras S.A. (IMSA),
 (ARGENTINA)
 Innovex Nutrition 1989 Ltd., (NEW ZEALAND)
 Italiana Olii & Risi S.p.A., (ITALY)
 Izhar Industries (2000) Ltd., (ISRAEL)
 Kapil Agro Ltd., (INDIA)
 Karlshamns AB, (SWEDEN)
 KELSA, S.A., (SPAIN)
 Kuwait Flour Mills Co., SAK, (KUWAIT)
 M. P. Oil Extraction Pvt. Ltd., (INDIA)
 Marsa Margarin Sanayi A.S., (TURKEY)
 Mobarak & Company, (EGYPT)
 Molinos Rio de la Plata S.A., (ARGENTINA)
 Molinos Union del Yaqui S.A. de C.V.,
 (MEXICO)
 National Flour Mills Ltd., (TRINIDAD &
 TOBAGO)
 Nav Maharashtra Chakan Oil Mills, (INDIA)
 Nikka Fats & Oils Co., Ltd., (JAPAN)
 Oelmühle Hamburg AG, (FEDERAL
 REPUBLIC OF GERMANY)
 Oleaginosas Espanolas S.A. (OESA), (SPAIN)
 Olivex Ltd., (ISRAEL)
 Oljynpuristamo Oy, (FINLAND)
 OLMECA S.A., (GUATEMALA)
 Olvebra Industrial S.A., (BRAZIL)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 Pasir Gudang Edible Oils Sdn. Berhard,
 (SINGAPORE)
 Perdue Farms, Inc., (U.S.A.)
 Pokonobe Industries Inc., (CANADA)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Premier Industries (India) Ltd., (INDIA)
 Prestige Foods Ltd., (INDIA)
 Primeros Hidrogenadores de Aceites y Grasas
 Ecuatorianos S.A., (ECUADOR)
 Productora Nacional de Alimentos Bal-
 anceados S.A., (DOMINICAN REPUBLIC)
 Produtora e Refinadora de Oleos, S.A.
 (PRAZOL), (PORTUGAL)
 Pronto Pty. Ltd./Riverland Oilseed Processors,
 (AUSTRALIA)
 Proteinas y Grasas S.A. (PROGRASA),
 (HONDURAS)

Queensland Oilseed Crushers Pty. Ltd., (AUSTRALIA)
 Quincy Soybean Company, (U.S.A.)
 Quincy Soybean Company of Arkansas, (U.S.A.)
 Raison Tehtaot Oy Ab, (FINLAND)
 Riverland Oilseed Processors, (AUSTRALIA)
 SAIS, (SWITZERLAND)
 Sam Yang Foods Co., Ltd., (SOUTH KOREA)
 SAMRIG S.A., (BRAZIL)
 O. & L. Sels, (FEDERAL REPUBLIC OF GERMANY)
 Shemen Ind. Ltd., (ISRAEL)
 Showa Sangyo Co., Ltd., (JAPAN)
 Sociedad Aceitera del Oriente S.A. (SAO), (BOLIVIA)
 Sociedad Iberica de Molturacion, S.A. (SIMSA), (SPAIN)
 Sociedade Iberica de Oleaginosas, S.A. (IBEROL), (PORTUGAL)
 Soon Soon Oilmills SDN BHD, (MALAYSIA)
 Soya Hellas S.A., (GREECE)
 Soya Mainz GmbH & Co. Kommanditgesellschaft, (FEDERAL REPUBLIC OF GERMANY)
 Specialty Grain Co., (U.S.A.)
 TAGOL S.A., (PORTUGAL)
 Tankay S.A., (ARGENTINA)
 Teth Beth Ltd., (ISRAEL)
 Thanakorn Vegetable Oil Products Co. Ltd, (THAILAND)
 C. Thywissen, (FEDERAL REPUBLIC OF GERMANY)
 Toyo Oil Mills Co., Inc., (JAPAN)
 Tri-Star Soya Products Ltd., (INDIA)
 Tvornica za preradu soje, (YUGOSLAVIA)
 Unimills-Verein Deutscher Oelfabriken, (FEDERAL REPUBLIC OF GERMANY)
 N.V. Vamo Mills, (BELGIUM)
 Van den Bergh Foods, (U.S.A.)
 Victory Soya Mills Ltd., (CANADA)
 Vippy Solvex Products Ltd., (INDIA)
 Yoshihara Oil Mill, Ltd., (JAPAN)

▼ CRUDE SOYBEAN OIL

A.D.M. Agri-Industries, Ltd., (CANADA)
 A.D.M. Europort, (NETHERLANDS)
 A.D.M. Oelmuehlen GmbH, (FEDERAL REPUBLIC OF GERMANY)
 A.D.M. Oelwerke Spyck, (FEDERAL REPUBLIC OF GERMANY)
 Aceitera General Deheza S.A., (ARGENTINA)
 Aceitera Tapatia S.A. de C.V., (MEXICO)
 Aceites del Caribe S.A., (COLOMBIA)
 Aceites del Mayo S.A. de C.V., (MEXICO)
 Aceites Industriales El Zapote, (MEXICO)
 Aceites y Derivados del Pacifico S.A., (MEXICO)

Ag Processing, Inc., (U.S.A.)
 Allana Oil Mills, (INDIA)
 Alpine Solvex Limited, (INDIA)
 Anupam Extractions Ltd., (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Bag Yaglarl Sanayi ve Ticaret T.A.S., (TURKEY)
 Bhavnagar Vegetable Products Unit, (INDIA)
 BOCM Silcock Ltd., (ENGLAND)
 Bombay Extractions Ltd., (INDIA)
 Bunge Corporation, (U.S.A.)
 N.V. Cargill, (BELGIUM)
 Cargill Agricola S.A., (BRAZIL)
 Cargill España, S.A., (SPAIN)
 Cargill UK Ltd., (ENGLAND)
 Central Soya Company, Inc., (U.S.A.)
 Central Soya Utrecht B.V., (NETHERLANDS)
 Central Valley Vegetable Oils, (U.S.A.)
 E. Chamorro Industrial S.A., (NICARAGUA)
 Cheil Sugar & Company, Ltd., (SOUTH KOREA)
 Compagnia Continentale Italiana S.p.A., (ITALY)
 Compania Industrial y de Abastecimientos S.A. (CINDASA), (SPAIN)
 Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
 Continental Grain Company, Processing Division, (U.S.A.)
 CSP Foods Ltd., (CANADA)
 Dong Bang Corporation, (SOUTH KOREA)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Jabon La Corona, S.A. de C.V., (MEXICO)
 Fedflour Trading (S) Pte. Ltd., (SINGAPORE)
 Foods Fats & Fertilisers Ltd., (INDIA)
 Fuji Oil Co., Ltd., Kobe Factory, (JAPAN)
 Fwu Sow Grain Products Co., Ltd., (TAIWAN)
 Raul Garcia y Cia, S.A. de C.V. (Ragasa Group), (MEXICO)
 General Foods Limited, (INDIA)
 Grain States Soya, Inc., (U.S.A.)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honen Corporation, (JAPAN)
 Hsiao-Kang By-Products Factory, TSC, (TAIWAN)
 Industrial de Alimentos S.A., (MEXICO)
 Industrias Conasupo S.A. de C.V. (ICONSA), (MEXICO)
 Industrias de Aceite S.A., (BOLIVIA)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Industrias Molturadoras S.A. (IMSA), (ARGENTINA)
 Israel Export & Trust Corp., (ISRAEL)
 Italiana Olii & Risi S.p.A., (ITALY)
 Izhar Industries (2000) Ltd., (ISRAEL)
 Jamaica Soya Products Industries Limited, (JAMAICA)
 Kapil Agro Ltd., (INDIA)
 KELSA, S.A., (SPAIN)

Krishna Oil Extractions Ltd. (KOEL), (INDIA)
 Lauhoff Grain Company, (U.S.A.)
 M. P. Oil Extraction Pvt. Ltd., (INDIA)
 Molinos Union del Yaqui S.A. de C.V.,
 (MEXICO)
 Narsingh Extraction & Allied Products
 Pvt. Ltd., (INDIA)
 National Sun Industries, Inc., (U.S.A.)
 Nav Maharashtra Chakan Oil Mills, (INDIA)
 Ne-Tex Cooperative Oil Mill, (U.S.A.)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Oleica S.A., (ECUADOR)
 Oleificio SABO, (SWITZERLAND)
 Oleoproteinas del Sureste S.A. de C.V.,
 (MEXICO)
 Olivex Ltd., (ISRAEL)
 Oljynpuristamo Oy, (FINLAND)
 Olivebra Industrial S.A., (BRAZIL)
 Perdue Farms, Inc., (U.S.A.)
 Pokonobe Industries Inc., (CANADA)
 Premier Industries (India) Ltd., (INDIA)
 Producers Cooperative Association, (U.S.A.)
 Produtora e Refinadora de Oleos, S.A.
 (PRAZOL), (PORTUGAL)
 Proteinas Naturales, S.A. de C.V., (MEXICO)
 Quincy Soybean Company, (U.S.A.)
 Quincy Soybean Company of Arkansas,
 (U.S.A.)
 Rajasthan Vanaspati Products Ltd., (INDIA)
 SAIS, (SWITZERLAND)
 Scaldiswerken Ruien N.V., (BELGIUM)
 O. & L. Sels, (FEDERAL REPUBLIC OF
 GERMANY)
 Shemen Ind. Ltd., (ISRAEL)
 Shree Mansingka Oil Mills Ltd., (INDIA)
 Sociedad Aceitera del Oriente S.A. (SAO),
 (BOLIVIA)
 Sociedad Iberica de Molturacion, S.A. (SIMSA),
 (SPAIN)
 Sociedade Iberica de Oleaginosas, S.A.
 (IBEROL), (PORTUGAL)
 Sociedade Nacional de Saboes, Lda.,
 (PORTUGAL)
 Specialty Grain Co., (U.S.A.)
 Tay Shan Enterprise Company Ltd., (TAIWAN)
 Teth Beth Ltd., (ISRAEL)
 C. Thywissen, (FEDERAL REPUBLIC
 OF GERMANY)
 Townsends, Inc., (U.S.A.)
 Tuottajain Ryysy Oy, (FINLAND)
 Unimills-Verein Deutscher Oelfabriken,
 (FEDERAL REPUBLIC OF GERMANY)
 United Soya Products, Ltd., (INDIA)
 Vegetable Oils (Nigeria) Ltd., (NIGERIA)
 West Bend Elevator Company, (U.S.A.)
 West Central Cooperative, (U.S.A.)
 Wysong Corporation, (U.S.A.)
 Yoshihara Oil Mill, Ltd., (JAPAN)

▼ EDIBLE SOY OIL PRODUCTS

A.D.M. Agri-Industries, Ltd., (CANADA)
 A.D.M. Europoort, (NETHERLANDS)
 Aarhus Oliefabrik A/S, (DENMARK)
 Aceitera General Deheza S.A., (ARGENTINA)
 Aceitera Matamoros, S.A. de C.V., (MEXICO)
 Aceites Industriales El Zapote, (MEXICO)
 Ag Processing, Inc., (U.S.A.)
 Akzo Chemicals, (FEDERAL REPUBLIC
 OF GERMANY)
 Alimentos Antillanos N.V., (NETHERLANDS
 ANTILLES)
 Anupam Extractions Ltd., (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 C & T Refinery, Inc., (U.S.A.)
 Canada Packers, Inc., (CANADA)
 Canada Packers Inc., Edible Oil Division,
 (CANADA)
 COGRA Lever S.A., (COLOMBIA)
 Colfax, Inc., (U.S.A.)
 Compañia Panameña de Aceites, C.A.,
 (PANAMA)
 Consorcio Oleaginoso Portuguesa S.A.
 (COPOSA), (VENEZUELA)
 Conway Oil Company, (U.S.A.)
 CSP Foods Ltd., (CANADA)
 Patrick Cudahy Inc., (U.S.A.)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
 Derivados de Oleaginosas del Valle S.A.
 de C.V., (MEXICO)
 Dong Bang Corporation, (SOUTH KOREA)
 P. Dumortier Freres, (FRANCE)
 The Edible Oil Refining Company Ltd.,
 (MALTA)
 The Egyptian National Vegetable Oils
 Extraction Corp. (ENVOCO), (EGYPT)
 Energe S.A., (BRAZIL)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita S. A.,
 (ECUADOR)
 Fong-Mao Industries Company Ltd., (TAIWAN)
 Fuji Oil Co., Ltd., Han-nan Factory, (JAPAN)
 Fwu Sow Grain Products Co., Ltd., (TAIWAN)
 General Foods Limited, (INDIA)
 Grasas S.A., (COLOMBIA)
 Grasas Vegetales S.A. (GRAVETAL),
 (COLOMBIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honen Corporation, (JAPAN)
 Honeymead Products Company, (U.S.A.)
 INDO S.A., (ARGENTINA)
 Industrial Aceitera S.A., (MEXICO)
 Industrias Conasupo S.A. de C.V. (ICONSA),
 (MEXICO)
 Industrias de Aceite S.A., (BOLIVIA)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Industrias Lavador C. Por A.,
 (DOMINICAN REPUBLIC)

Soybean Processors and Manufacturers of Soy-Based Products

Kuwait Flour Mills Co., SAK, (KUWAIT)
 Lou Ana Foods, Inc., (U.S.A.)
 Lucas Meyer B.V., (NETHERLANDS)
 Lucas Meyer France S.A., (FRANCE)
 Lucas Meyer GmbH & Company, (FEDERAL
 REPUBLIC OF GERMANY)
 Lucas Meyer N.V., (BELGIUM)
 Lucas Meyer S.A., (SPAIN)
 Lucas Meyer S.R.L., (ITALY)
 Lucas Meyer (UK) Ltd., (ENGLAND)
 M. P. Oil Extraction Pvt. Ltd., (INDIA)
 The Malwa Vanaspati & Chemical Co. Ltd.,
 (INDIA)
 Molinos Rio de la Plata S.A., (ARGENTINA)
 Negociacion Industrial Santa Lucia S.A.,
 (MEXICO)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Oleaginosas Espanolas S.A. (OESA), (SPAIN)
 Oleica S.A., (ECUADOR)
 Oleoproteinas del Sureste S.A. de C.V.,
 (MEXICO)
 Olivex Ltd., (ISRAEL)
 OLMECA S.A., (GUATEMALA)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 Patum Vegetable Oil Company, Ltd.,
 (THAILAND)
 Penta Manufacturing Company, Inc., (U.S.A.)
 Pokonobe Industries Inc., (CANADA)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Premier Industries (India) Ltd., (INDIA)
 President Enterprises Corp., (TAIWAN)
 Prestige Foods Ltd., (INDIA)
 Primeros Hidrogenadores de Aceites y Grasas
 Ecuatorianos, (ECUADOR)
 Productora Nacional de Alimentos Bal-
 anceados S.A., (DOMINICAN REPUBLIC)
 Proteinas y Grasas S.A. (PROGRASA),
 (HONDURAS)
 Quincy Soybean Company of Arkansas,
 (U.S.A.)
 Riceland Foods, Inc., (U.S.A.)
 SAIS, (SWITZERLAND)
 Shemen Ind. Ltd., (ISRAEL)
 Showa Sangyo Co., Ltd., (JAPAN)
 Shree Mansingka Oil Mills Ltd., (INDIA)
 Sociedade Iberica de Oleaginosas, S.A.
 (IBEROL), (PORTUGAL)
 Societe Industrielle des Oleagineux (SIO),
 (FRANCE)
 Specialty Grain Co., (U.S.A.)
 STAR Stabilimento Alimentare S.p.A., (ITALY)
 TAGOL S.A., (PORTUGAL)
 Thanakorn Vegetable Oil Products Co. Ltd.,
 (THAILAND)
 C. Thywissen, (FEDERAL REPUBLIC
 OF GERMANY)
 Townsends, Inc., (U.S.A.)
 Toyo Oil Mills Co., Inc., (JAPAN)
 Tri-Star Soya Products Ltd., (INDIA)

Van den Bergh Foods, (U.S.A.)
 N. V. Vandemoortele, (BELGIUM)
 Vippy Solvex Products Ltd., (INDIA)
 Watt's Alimentos S.A., (CHILE)
 Yoshihara Oil Mill, Ltd., (JAPAN)

▼ FRACTIONATED SOY OIL

Fabrica de Aceites la Favorita S. A.,
 (ECUADOR)
 Grasas Vegetales S.A. (GRAVETAL),
 (COLOMBIA)
 Industrias de Aceite S.A., (BOLIVIA)
 Meadow Lea Foods, (AUSTRALIA)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Noble & Thorl GmbH, (FEDERAL
 REPUBLIC OF GERMANY)
 Oleica S.A., (ECUADOR)
 Penta Manufacturing Company, Inc., (U.S.A.)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Proteinas y Grasas S.A. (PROGRASA),
 (HONDURAS)
 SAIS, (SWITZERLAND)
 N. V. Vandemoortele, (BELGIUM)
 Van den Bergh Foods, (U.S.A.)

▼ HYDROGENATED SOY OIL

A.D.M. Europoort, (NETHERLANDS)
 Abul Khair Vegetable Oil Industries Ltd.,
 (BANGLADESH)
 Aceites Industriales El Zapote, (MEXICO)
 Allana Oil Mills, (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Samuel Banner & Company Ltd., (ENGLAND)
 BEOCO Limited, (ENGLAND)
 Bhavnagar Vegetable Products Unit, (INDIA)
 C & T Refinery, Inc., (U.S.A.)
 Canada Packers, Inc., (CANADA)
 Canada Packers Inc., Edible Oil Division,
 (CANADA)
 Cargill, Inc., (U.S.A.)
 Central Soya Company, Inc., (U.S.A.)
 Colfax, Inc., (U.S.A.)
 Compania Oleaginosa del Peru S.A.
 (COPSA), (PERU)
 Consorcio Oleaginoso Portuguesa S.A.
 (COPOSA), (VENEZUELA)
 Conway Oil Company, (U.S.A.)
 Patrick Cudahy Inc., (U.S.A.)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
 Dong Bang Corporation, (SOUTH KOREA)
 DS Industries ApS, (DENMARK)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita S. A.,
 (ECUADOR)

General Foods Limited, (INDIA)
 Grasas Vegetales S.A. (GRAVETAL),
 (COLOMBIA)
 Honeymead Products Company, (U.S.A.)
 Industrias de Aceite S.A., (BOLIVIA)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Industrias Lavador C. Por A.,
 (DOMINICAN REPUBLIC)
 Izhar Industries (2000) Ltd., (ISRAEL)
 Karlshamns AB, (SWEDEN)
 Kraft Food Ingredients Corp., (U.S.A.)
 Kuwait Flour Mills Co., SAK, (KUWAIT)
 Lou Ana Foods, Inc., (U.S.A.)
 The Malwa Vanaspati & Chemical
 Co. Ltd., (INDIA)
 Marsa Margarin Sanayi A.S., (TURKEY)
 Meadow Lea Foods, (AUSTRALIA)
 Mobarak & Company, (EGYPT)
 National Flour Mills Ltd., (TRINIDAD &
 TOBAGO)
 Negociacion Industrial Santa Lucia S.A.,
 (MEXICO)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Noble & Thorl GmbH, (FEDERAL
 REPUBLIC OF GERMANY)
 Oleica S.A., (ECUADOR)
 Oleoproteinas del Sureste S.A. de C.V.,
 (MEXICO)
 OLMECA S.A., (GUATEMALA)
 Österreichische Unilever Ges.m.bH, (AUSTRIA)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 Penta Manufacturing Company, Inc., (U.S.A.)
 Perdue Farms, Inc., (U.S.A.)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Primeros Hidrogenadores de Aceites y Grasas
 Ecuatorianos S.A., (ECUADOR)
 Productora Nacional de Alimentos Bal-
 anceados S.A., (DOMINICAN REPUBLIC)
 Proteinas y Grasas S.A. (PROGRASA),
 (HONDURAS)
 Raisio Tehtaat Oy Ab, (FINLAND)
 Rotterdamsche Margarine Industrie B.V.
 (ROMI), (NETHERLANDS)
 SAIS, (SWITZERLAND)
 Shree Shiv Shakti Ghee Udyog
 Pvt. Ltd., (NEPAL)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 STAR Stabilimento Alimentare S.p.A., (ITALY)
 TAGOL S.A., (PORTUGAL)
 N. V. Vandemoortele, (BELGIUM)
 Van den Bergh Foods, (U.S.A.)
 Watt's Alimentos S.A., (CHILE)

BOCM Silcock Ltd., (ENGLAND)
 Canada Packers, Inc., (CANADA)
 Canada Packers Inc., Edible Oil Division,
 (CANADA)
 COGRA Lever S.A., (COLOMBIA)
 Patrick Cudahy Inc., (U.S.A.)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
 DS Industries ApS, (DENMARK)
 The Edible Oil Refining Company
 Ltd., (MALTA)
 Energie S.A., (BRAZIL)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita S. A.,
 (ECUADOR)
 Fong-Mao Industries Company Ltd., (TAIWAN)
 Fuji Oil Co., Ltd., Han-nan Factory, (JAPAN)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Grain States Soya, Inc., (U.S.A.)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honeymead Products Company, (U.S.A.)
 Industrias Conasupo S.A. de C.V.
 (ICONSA), (MEXICO)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Izhar Industries (2000) Ltd., (ISRAEL)
 Karlshamns AB, (SWEDEN)
 Lou Ana Foods, Inc., (U.S.A.)
 Lucas Meyer B.V., (NETHERLANDS)
 Lucas Meyer France S.A., (FRANCE)
 Lucas Meyer GmbH & Company, (FEDERAL
 REPUBLIC OF GERMANY)
 Lucas Meyer N.V., (BELGIUM)
 Lucas Meyer S.A., (SPAIN)
 Lucas Meyer S.R.L., (ITALY)
 Lucas Meyer (UK) Ltd., (ENGLAND)
 M/S- Spinzer Industries Ltd.
 (Ghee Mills), (PAKISTAN)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Oleaginosas Espanolas S.A. (OESA), (SPAIN)
 N.V. Oliefabriek Lichtervelde, (BELGIUM)
 Patum Vegetable Oil Company, Ltd.,
 (THAILAND)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Quantum Chemical Company, Emery
 Division, (U.S.A.)
 Quincy Soybean Company of Arkansas,
 (U.S.A.)

▼ INDUSTRIAL SOY OIL PRODUCTS

Archer Daniels Midland Company, (U.S.A.)

**ALL LISTINGS
 ARE FREE OF CHARGE**

**CONTACT
 SOYA BLUEBOOK
 FOR MORE INFORMATION**

Soybean Processors and Manufacturers of Soy-Based Products

Raisio Tehtaat Oy Ab, (FINLAND)
 Riverland Oilseed Processors, (AUSTRALIA)
 SAIS, (SWITZERLAND)
 Shemen Ind. Ltd., (ISRAEL)
 Showa Sangyo Co., Ltd., (JAPAN)
 Sociedade Iberica de Oleaginosas, S.A.
 (IBEROL), (PORTUGAL)
 Sociedade Nacional de Saboes, Lda.,
 (PORTUGAL)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 Soon Soon Oilmills SDN BHD, (MALAYSIA)
 Townsends, Inc., (U.S.A.)
 N. V. Vandemoortele, (BELGIUM)
 Van den Bergh Foods, (U.S.A.)

▼ REFINED SOY OIL

A.D.M. Europoort, (NETHERLANDS)
 Aarhus Oliefabrik A/S, (DENMARK)
 Abul Khair Vegetable Oil Industries Ltd.,
 (BANGLADESH)
 Aceitera General Deheza S.A., (ARGENTINA)
 Aceites Industriales El Zapote, (MEXICO)
 Aceites Vegetales Finos S.A. de C.V.,
 (MEXICO)
 Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
 Akzo Chemicals, (FEDERAL REPUBLIC
 OF GERMANY)
 Alpine Solvex Limited, (INDIA)
 Anupam Extractions Ltd., (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Arlesa, (SPAIN)
 Avicultores y Productores El Calvario S.A.
 de C.V. (APECSA), (MEXICO)
 Bag Yaglari Sanayi ve Ticaret T.A.S.,
 (TURKEY)
 Samuel Banner & Company Ltd., (ENGLAND)
 BECO Limited, (ENGLAND)
 Bhavnagar Vegetable Products Unit, (INDIA)
 BOCM Silcock Ltd., (ENGLAND)
 Bombay Extractions Ltd., (INDIA)
 Buyatti S.A.I.C.A., (ARGENTINA)
 Canada Packers, Inc., (CANADA)
 Canada Packers Inc., Edible Oil
 Division, (CANADA)
 Cargill Agricola S.A., (BRAZIL)
 Cargill B.V., (NETHERLANDS)
 Cargill España, S.A., (SPAIN)
 Cargill, Inc., (U.S.A.)
 Cargill UK Ltd., (ENGLAND)
 Central Soya Company, Inc., (U.S.A.)
 Cheil Sugar & Company, Ltd.,
 (SOUTH KOREA)
 Colfax, Inc., (U.S.A.)
 Colfax of Philadelphia, Inc., (U.S.A.)
 Compania Industrial y de Abastecimientos S.A.
 (CINDASA), (SPAIN)
 Compania Oleaginosa del Peru S.A.
 (COPSA), (PERU)
 Compania Panameña de Aceites, S.A.,
 (PANAMA)
 Consorcio Oleaginoso Portuguesa S.A.
 (COPOSA), (VENEZUELA)
 Conway Oil Company, (U.S.A.)
 CSP Foods Ltd., (CANADA)
 A/S Denofa Og Lilleborg Fabrik, (NORWAY)
 Dong Bang Corporation, (SOUTH KOREA)
 P. Dumortier Freres, (FRANCE)
 The Edible Oil Refining Company
 Ltd., (MALTA)
 The Egyptian National Vegetable Oils
 Extraction Corp. (ENVOCO), (EGYPT)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita S. A.,
 (ECUADOR)
 Fong-Mao Industries Company Ltd., (TAIWAN)
 Foods Fats & Fertilisers Ltd., (INDIA)
 Fuji Oil Co., Ltd., Han-nan Factory, (JAPAN)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Grasas Vegetales S.A. (GRAVETAL),
 (COLOMBIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honen Corporation, (JAPAN)
 Honeymead Products Company, (U.S.A.)
 Les Huileries de Meknes, (MOROCCO)
 INDO S.A., (ARGENTINA)
 Industrial Enterprises Co. Ltd., (THAILAND)
 Industrias Conasupo S.A. de C.V.
 (ICONSA), (MEXICO)
 Industrias de Aceite S.A., (BOLIVIA)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Industrias Lavador C. Por A.,
 (DOMINICAN REPUBLIC)
 Italiana Olii & Risi S.p.A., (ITALY)
 Izhar Industries (2000) Ltd., (ISRAEL)
 Jamaica Soya Products Industries
 Limited, (JAMAICA)
 Karlshamns AB, (SWEDEN)
 KELSA, S.A., (SPAIN)
 Kraft Food Ingredients Corp., (U.S.A.)
 Krishna Oil Extractions Ltd. (KOEL), (INDIA)
 Kuwait Flour Mills Co., SAK, (KUWAIT)
 Lou Ana Foods, Inc., (U.S.A.)
 M. P. Oil Extraction Pvt. Ltd., (INDIA)
 The Malwa Vanaspathi & Chemical Co.
 Ltd., (INDIA)
 Marsa Margarin Sanayi A.S., (TURKEY)
 Meadow Lea Foods, (AUSTRALIA)
 Molinos Rio de la Plata S.A., (ARGENTINA)
 National Flour Mills Ltd., (TRINIDAD
 & TOBAGO)
 Nav Maharashtra Chakan Oil Mills, (INDIA)
 Negociacion Industrial Santa Lucia S.A.,
 (MEXICO)
 Nikka Fats & Oils Co., Ltd., (JAPAN)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)

Noble & Thorl GmbH, (FEDERAL
 REPUBLIC OF GERMANY)
 Oelmuehle Hamburg AG, (FEDERAL
 REPUBLIC OF GERMANY)
 Oleica S.A., (ECUADOR)
 Oliefabrieken Debeil N.V., (BELGIUM)
 Olvebra Industrial S.A., (BRAZIL)
 Osterreichische Unilever Ges.m.b.H., (AUSTRIA)
 Oswal Agro Mills Ltd., (INDIA)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 Pasir Gudang Edible Oils Sdn. Berhad,
 (SINGAPORE)
 Patum Vegetable Oil Company, Ltd.,
 (THAILAND)
 Penta Manufacturing Company, Inc., (U.S.A.)
 Perdue Farms, Inc., (U.S.A.)
 Pokonobe Industries Inc., (CANADA)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Prestige Foods Ltd., (INDIA)
 Productora Nacional de Alimentos Bal-
 anceados S.A., (DOMINICAN REPUBLIC)
 Produtora e Refinadora de Oleos, S.A.
 (PRAZOL), (PORTUGAL)
 Proteinias y Grasas S.A. (PROGRASA),
 (HONDURAS)
 Quincy Soybean Company of Arkansas,
 (U.S.A.)
 Raision Tehtaat Oy Ab, (FINLAND)
 Riceland Foods, Inc., (U.S.A.)
 Riverland Oilseed Processors, (AUSTRALIA)
 Rotterdamsche Margarine Industrie B.V.
 (ROMI), (NETHERLANDS)
 SAIS, (SWITZERLAND)
 Sam Yang Foods Co., Ltd., (SOUTH KOREA)
 O. & L. Sels, (FEDERAL REPUBLIC
 OF GERMANY)
 Shemen Ind. Ltd., (ISRAEL)
 Showa Sangyo Co., Ltd., (JAPAN)
 Shree Mansingka Oil Mills Ltd., (INDIA)
 Shree Shiv Shakti Ghee Udyog Pvt.
 Ltd., (NEPAL)
 Sociedad Aceitera del Oriente S.A.
 (SAO), (BOLIVIA)
 Sociedad Iberica de Molturacion, S.A.
 (SIMSA), (SPAIN)
 Sociedade Iberica de Oleaginosas, S.A.
 (IBEROL), (PORTUGAL)
 Societe d'Exploitation Des Produits Oleagineux
 (SEPO), (MOROCCO)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 Soon Soon Oilmills SDN BHD, (MALAYSIA)
 Soya Mainz GmbH & Co. Komman-
 ditgesellschaft, (FEDERAL REPUBLIC
 OF GERMANY)
 STAR Stabilimento Alimentare S.p.A., (ITALY)
 Thanakorn Vegetable Oil Products Co.
 Ltd, (THAILAND)

C. Thywissen, (FEDERAL REPUBLIC
 OF GERMANY)
 Townsends, Inc., (U.S.A.)
 Toyo Oil Mills Co., Inc., (JAPAN)
 Tri-Star Soya Products Ltd., (INDIA)
 Unimills-Verein Deutscher Oelfabriken,
 (FEDERAL REPUBLIC OF GERMANY)
 United Soya Products, Ltd., (INDIA)
 N. V. Vandemoortele, (BELGIUM)
 Van den Bergh Foods, (U.S.A.)
 Vegetable Oils (Nigeria) Ltd., (NIGERIA)
 Victory Soya Mills Ltd., (CANADA)
 Vippy Solvex Products Ltd., (INDIA)
 Vishwa Oil Products, Ltd., (INDIA)
 Watt's Alimentos S.A., (CHILE)
 Yoshihara Oil Mill, Ltd., (JAPAN)

▼ SOYBEAN HULLS

A.D.M. Agri-Industries, Ltd., (CANADA)
 A.D.M. Europoort, (NETHERLANDS)
 Aceitera Tapatia S.A. de C.V., (MEXICO)
 Ag Processing, Inc., (U.S.A.)
 Ailana Oil Mills, (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Arlesa, (SPAIN)
 Bag Yagları Sanayi ve Ticaret T.A.S.,
 (TURKEY)
 Bunge Corporation, (U.S.A.)
 CACOJA, (FRANCE)
 Canadian Vegetable Oil Processing,
 (CANADA)
 Cargill Agricola S.A., (BRAZIL)
 Cargill B.V., (NETHERLANDS)
 Cargill España, S.A., (SPAIN)
 Cargill UK Ltd., (ENGLAND)
 Central Soya Company, Inc., (U.S.A.)
 Central Soya Utrecht B.V., (NETHERLANDS)
 Cheil Sugar & Company, Ltd.,
 (SOUTH KOREA)
 Compagnie Cargill S.A., (FRANCE)
 Compania Industrial y de Abastecimientos
 S.A. (CINDASA), (SPAIN)
 Consorcio Oleaginoso Portuguesa S.A.
 (COPOSA), (VENEZUELA)
 Continental Grain Company, Processing
 Division, (U.S.A.)
 The Egyptian National Vegetable Oils
 Extraction Corp. (ENVOCO), (EGYPT)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Jabon La Corona, S.A.
 de C.V., (MEXICO)
 Raul Garcia y Cia, S.A. de C.V. (Ragasa
 Group), (MEXICO)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honeymead Products Company, (U.S.A.)
 Industrial Aceitera S.A., (MEXICO)

Soybean Processors and Manufacturers of Soy-Based Products

Italiana Olii & Risi S.p.A., (ITALY)
 KELS A, S.A., (SPAIN)
 Lauhoff Grain Company, (U.S.A.)
 Molinos Union del Yaqui S.A. de C.V., (MEXICO)
 National Flour Mills Ltd., (TRINIDAD & TOBAGO)
 Nav Maharashtra Chakan Oil Mills, (INDIA)
 Nikka Fats & Oils Co., Ltd., (JAPAN)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Oleaginosas Espanolas S.A. (OESA), (SPAIN)
 Olivex Ltd., (ISRAEL)
 Olvebra Industrial S.A., (BRAZIL)
 Perdue Foods, Inc. (U.S.A.)
 La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
 Premier Industries (India) Ltd., (INDIA)
 Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
 Produtora e Refinadora de Oleos, S.A. (PRAZOL), (PORTUGAL)
 Proteinas Naturales, S.A. de C.V., (MEXICO)
 Quincy Soybean Company of Arkansas, (U.S.A.)
 Riceland Foods, Inc., (U.S.A.)
 SAMRIG S.A., (BRAZIL)
 Sociedad Iberica de Molturacion, S.A. (SIMSA), (SPAIN)
 Societe Industrielle des Oleagineux (SIO), (FRANCE)
 Soya Mainz GmbH & Co. Kommanditgesellschaft, (FEDERAL REPUBLIC OF GERMANY)
 Townsends, Inc., (U.S.A.)
 Toyo Oil Mills Co., Inc., (JAPAN)
 Tri-Star Soya Products Ltd., (INDIA)
 N.V. Vamo Mills, (BELGIUM)
 Victory Soya Mills Ltd., (CANADA)

▼ SOYBEAN MEAL

A.D.M. Agri-Industries, Ltd., (CANADA)
 A.D.M. Company Europe, (NETHERLANDS)
 A.D.M. Europoort, (NETHERLANDS)
 A.D.M. Oelmuehlen GmbH, (FEDERAL REPUBLIC OF GERMANY)
 A.D.M. Oelwerke Spyck, (FEDERAL REPUBLIC OF GERMANY)
 Aceitera General Deheza S.A., (ARGENTINA)
 Aceitera Matamoros, S.A. de C.V., (MEXICO)
 Aceitera Tapatia S.A. de C.V., (MEXICO)
 Aceites del Caribe S.A., (COLOMBIA)
 Aceites del Mayo S.A. de C.V., (MEXICO)
 Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
 Ag Processing, Inc., (U.S.A.)
 Allana Oil Mills, (INDIA)
 Alpine Solvex Limited, (INDIA)
 Anupam Extractions Ltd., (INDIA)
 Archer Daniels Midland Company, (U.S.A.)

Arlesa, (SPAIN)
 Avicultores y Productores El Calvario S.A. de C.V. (APECESA), (MEXICO)
 Bag Yagları Sanayi ve Ticaret T.A.S., (TURKEY)
 BAR Export/Import, Inc., (U.S.A.)
 Bhavnagar Vegetable Products Unit, (INDIA)
 BOCM Silcock Ltd., (ENGLAND)
 Bunge Corporation, (U.S.A.)
 Buyatti S.A.I.C.A., (ARGENTINA)
 Cake & Oil Products Pvt. Ltd., (PAKISTAN)
 Canadian Vegetable Oil Processing, (CANADA)
 N.V. Cargill, (BELGIUM)
 Cargill Agricola S.A., (BRAZIL)
 Cargill B.V., (NETHERLANDS)
 Cargill España, S.A., (SPAIN)
 Cargill Processing Ltd., (AUSTRALIA)
 Cargill S.A.C.I., (ARGENTINA)
 Cargill UK Ltd., (ENGLAND)
 Central Soya Company, Inc., (U.S.A.)
 Central Soya Utrecht B.V., (NETHERLANDS)
 E. Chamorro Industrial S.A., (NICARAGUA)
 Cheil Sugar & Company, Ltd., (SOUTH KOREA)
 Compagnia Continentale Italiana S.p.A., (ITALY)
 Compagnie Cargill S.A., (FRANCE)
 Compania Industrial y de Abastecimientos S.A. (CINDASA), (SPAIN)
 Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
 Continental Grain Company, Processing Division, (U.S.A.)
 Cooperativa Central Agropecuaria Campos Gerais Ltda., (BRAZIL)
 CSP Foods Ltd., (CANADA)
 Dong Bang Corporation, (SOUTH KOREA)
 The Egyptian National Vegetable Oils Extraction Corp. (ENVOCO), (EGYPT)
 Energe S.A., (BRAZIL)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita S.A., (ECUADOR)
 Fabrica de Jabon La Corona, S.A. de C.V., (MEXICO)
 Foods Fats & Fertilisers Ltd., (INDIA)
 Fuji Oil Co., Ltd., Kobe Factory, (JAPAN)
 Fwu Sow Grain Products Co., Ltd., (TAIWAN)
 Galactina Ltd., (SWITZERLAND)
 Raul Garcia y Cia, S.A. de C.V. (Ragasa Group), (MEXICO)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Grain States Soya, Inc., (U.S.A.)
 Grasas S.A., (COLOMBIA)
 Grasas Vegetales S.A. (GRAVETAL), (COLOMBIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honen Corporation, (JAPAN)

Honeymead Products Company, (U.S.A.)
 Houston Calco Inc., (U.S.A.)
 Hsiao-Kang By-Products Factory,
 TSC, (TAIWAN)
 INDO S.A., (ARGENTINA)
 Industria e Comercio de Oleos Vegetais
 S.A. (OLVEBRA), (BRAZIL)
 Industria Gaucha de Farelos e Oleos S.A.
 (FAROL), (BRAZIL)
 Industrial Aceitera S.A., (MEXICO)
 Industrias Conasupo S.A. de C.V.
 (ICONSA), (MEXICO)
 Industrias de Aceite S.A., (BOLIVIA)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Industrias Molturadoras S.A.
 (IMSA), (ARGENTINA)
 Industrie Chimiche Italia Centrale S.p.A.
 (ICIC), (ITALY)
 Israel Export & Trust Corp., (ISRAEL)
 Italiana Olii & Risi S.p.A., (ITALY)
 Izhar Industries (2000) Ltd., (ISRAEL)
 Jamaica Soya Products Industries
 Limited, (JAMAICA)
 Kapil Agro Ltd., (INDIA)
 KLSA, S.A., (SPAIN)
 Krishna Oil Extractions Ltd. (KOEL), (INDIA)
 Kuwait Flour Mills Co., SAK, (KUWAIT)
 Lauhoff Grain Company, (U.S.A.)
 M. P. Oil Extraction Pvt. Ltd., (INDIA)
 The Malwa Vanaspati & Chemical Co.
 Ltd., (INDIA)
 Marsa Margarin Sanayi A.S., (TURKEY)
 Mobarak & Company, (EGYPT)
 Molinos Rio de la Plata S.A., (ARGENTINA)
 Molinos Union del Yaqui S.A. de C.V.,
 (MEXICO)
 Narsingh Extraction & Allied Products
 Pvt. Ltd., (INDIA)
 National Flour Mills Ltd., (TRINIDAD
 & TOBAGO)
 National Sun Industries, Inc., (U.S.A.)
 Nav Maharashtra Chakan Oil Mills, (INDIA)
 Ne-Tex Cooperative Oil Mill, (U.S.A.)
 Negociacion Industrial Santa Lucia
 S.A., (MEXICO)
 Nikka Fats & Oils Co., Ltd., (JAPAN)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Oelmuehle Hamburg AG, (FEDERAL
 REPUBLIC OF GERMANY)
 Oleaginosas Espanolas S.A. (OESA), (SPAIN)
 Olivex Ltd., (ISRAEL)
 Oljynpuristamo Oy, (FINLAND)
 OLMECA S.A., (GUATEMALA)
 Olvebra Industrial S.A., (BRAZIL)
 Oswal Agro Mills Ltd., (INDIA)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 Pasir Gudang Edible Oils Sdn. Berhad,
 (SINGAPORE)
 Pendleton Oil Mill, Inc., (U.S.A.)
 Perdue Farms, Inc., (U.S.A.)

La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Premier Industries (India) Ltd., (INDIA)
 Prestige Foods Ltd., (INDIA)
 Primeros Hidrogenadores de Aceites y Grasas
 Ecuatorianos S.A., (ECUADOR)
 Producers Cooperative Association, (U.S.A.)
 Productora Nacional de Alimentos Bal-
 anceados S.A., (DOMINICAN REPUBLIC)
 Produtora e Refinadora de Oleos, S.A.
 (PRAZOL), (PORTUGAL)
 Proteinas Naturales, S.A. de C.V., (MEXICO)
 Queensland Oilseed Crushers Pty.
 Ltd., (AUSTRALIA)
 Quincy Soybean Company, (U.S.A.)
 Quincy Soybean Company of
 Arkansas, (U.S.A.)
 Raison Tehtaatt Oy Ab, (FINLAND)
 Rajasthan Vanaspati Products Ltd., (INDIA)
 Riceland Foods, Inc., (U.S.A.)
 Riverland Oilseed Processors, (AUSTRALIA)
 SAIS, (SWITZERLAND)
 Sam Yang Foods Co., Ltd., (SOUTH KOREA)
 SAMRIG S.A., (BRAZIL)
 Schokhi Industrials Pvt. Ltd., (INDIA)
 O. & L. Sels, (FEDERAL REPUBLIC
 OF GERMANY)
 Shemen Ind. Ltd., (ISRAEL)
 Showa Sangyo Co., Ltd., (JAPAN)
 Sociedad Aceitera del Oriente S.A.
 (SAO), (BOLIVIA)
 Sociedad Iberica de Molturacion, S.A.
 (SIMSA), (SPAIN)
 Sociedade Iberica de Oleaginosas, S.A.
 (IBEROL), (PORTUGAL)
 Sociedade Nacional de Saboes, Lda.,
 (PORTUGAL)
 Societe d'Exploitation Des Produits Oleagineux
 (SEPO), (MOROCCO)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 Soon Soon Oilmills SDN BHD, (MALAYSIA)
 Soya Hellas S.A., (GREECE)
 Soya Mainz GmbH & Co. Komman-
 ditgesellschaft, (FEDERAL REPUBLIC
 OF GERMANY)
 Specialty Grain Co., (U.S.A.)
 TAGOL S.A., (PORTUGAL)
 Tankay S.A., (ARGENTINA)
 Tay Shan Enterprise Company Ltd., (TAIWAN)
 Teth Beth Ltd., (ISRAEL)

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Co. Ltd, (THAILAND)
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OF GERMANY)
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Toyo Oil Mills Co., Inc., (JAPAN)
Tri-Star Soya Products Ltd., (INDIA)
Tvornica za preradu soje, (YUGOSLAVIA)
Unimills-Verein Deutscher Oelfabriken,
(FEDERAL REPUBLIC OF GERMANY)
United Soya Products, Ltd., (INDIA)
N.V. Vamo Mills, (BELGIUM)
Victory Soya Mills Ltd., (CANADA)
Vippy Solvex Products Ltd., (INDIA)
Vishwa Oil Products, Ltd., (INDIA)
West Bend Elevator Company, (U.S.A.)
Yoshihara Oil Mill, Ltd., (JAPAN)
Zuaitzo Proteinas Vegetales, (SPAIN)

▼ WHITE FLAKES FOR EDIBLE PURPOSES

Aarhus Oliefabrik A/S, (DENMARK)
Ag Processing, Inc., (U.S.A.)
Allana Oil Mills, (INDIA)
Alpine Solvex Limited, (INDIA)
Archer Daniels Midland Company, (U.S.A.)
Cargill B.V., (NETHERLANDS)
Cheil Sugar & Company, Ltd.,
(SOUTH KOREA)
Dong Bang Corporation, (SOUTH KOREA)
Fuji Oil Co., Ltd., Kobe Factory, (JAPAN)
Gardner Smith Pty. Ltd., (AUSTRALIA)
General Foods Limited, (INDIA)
Honeyamead Products Company, (U.S.A.)
Industria e Comercio de Oleos Vegetais S.A.
(OLVEBRA), (BRAZIL)
Industrial de Alimentos S.A., (MEXICO)
Izhar Industries (2000) Ltd., (ISRAEL)
Nav Maharashtra Chakan Oil Mills, (INDIA)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
La Polar, Fabrica de Aceite Hidrogenado y
Manteca Vegetal S.A., (MEXICO)
Premier Industries (India) Ltd., (INDIA)
Prestige Foods Ltd., (INDIA)
SAMRIG S.A., (BRAZIL)
Showa Sangyo Co., Ltd., (JAPAN)
Toyo Oil Mills Co., Inc., (JAPAN)
Vippy Solvex Products Ltd., (INDIA)
Yoshihara Oil Mill, Ltd., (JAPAN)

EDIBLE-GRADE SOY PRODUCTS/SOYFOODS

▼ ISOLATED SOY PROTEINS

A.D.M. Europoort, (NETHERLANDS)
The British Arkady Co. Ltd., (ENGLAND)
Dairyland Products, Inc., (U.S.A.)
Edelsoja GmbH, (FEDERAL REPUBLIC
OF GERMANY)
Fa. L.I. Frank, (NETHERLANDS)
Fearn Natural Foods, (U.S.A.)
Fielder Ralston Proteins Pty., (AUSTRALIA)
Fuji Oil Co., Ltd., Han-nan Factory, (JAPAN)
Grain Processing Corporation, (U.S.A.)
Lucas Meyer B.V., (NETHERLANDS)
Lucas Meyer France S.A., (FRANCE)
Lucas Meyer GmbH & Company, (FEDERAL
REPUBLIC OF GERMANY)
Lucas Meyer N.V., (BELGIUM)
Lucas Meyer S.A., (SPAIN)
Lucas Meyer S.R.L., (ITALY)
Lucas Meyer (UK) Ltd., (ENGLAND)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
La Polar, Fabrica de Aceite Hidrogenado y
Manteca Vegetal S.A., (MEXICO)
Prestige Foods Ltd., (INDIA)
Protein Technologies International,
Inc., (U.S.A.)
Ralston Purina Company, (U.S.A.)
Rich Products Corporation, (U.S.A.)
SAMRIG S.A., (BRAZIL)
Societe Industrielle des Oleagineux
(SIO), (FRANCE)
A. E. Staley Manufacturing Company,
Gunther Division, (U.S.A.)
Stern-Chemie, (FEDERAL REPUBLIC
OF GERMANY)
The Tata Oil Mills Co. Ltd., (INDIA)

▼ LECITHIN (EDIBLE GRADE)

A.D.M. Agri-Industries, Ltd., (CANADA)
A.D.M. Company Europe, (NETHERLANDS)
A.D.M. Europoort, (NETHERLANDS)
Aarhus Oliefabrik A/S, (DENMARK)
Aceitera General Deheza S.A., (ARGENTINA)
Aceitera Matamoros, S.A. de C.V., (MEXICO)
Aceites del Caribe S.A., (COLOMBIA)
Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
Ag Processing, Inc., (U.S.A.)
Alpine Solvex Limited, (INDIA)
American Lecithin Company, (U.S.A.)
Archer Daniels Midland Company, (U.S.A.)
Arlesa, (SPAIN)
Avatar Corporation, (U.S.A.)
The British Arkady Co. Ltd., (ENGLAND)

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Calgene Chemical, Inc., (U.S.A.)
 Central Soya Company, Inc., (U.S.A.)
 Central Soya Overseas B.V.,
 (NETHERLANDS)
 Cheil Sugar & Company, Ltd.,
 (SOUTH KOREA)
 W. A. Cleary Products, Inc., (U.S.A.)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
 Derivados de Oleaginosas del Valle
 S.A. de C.V., (MEXICO)
 DS Industries ApS, (DENMARK)
 Energie S.A., (BRAZIL)
 Etz-Hazayith Ltd., (ISRAEL)
 Fa. L.I. Frank, (NETHERLANDS)
 Fearn Natural Foods, (U.S.A.)
 Fwu Sow Grain Products Co., Ltd., (TAIWAN)
 General Foods Limited, (INDIA)
 Grasas S.A., (COLOMBIA)
 Grasas Vegetales S.A. (GRAVETAL),
 (COLOMBIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honen Corporation, (JAPAN)
 Honeymead Products Company, (U.S.A.)
 INDO S.A., (ARGENTINA)
 Industria Gaucha de Farelos e Oleos S.A.
 (FAROL), (BRAZIL)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Italiana Olii & Risi S.p.A., (ITALY)
 Izhar Industries (2000) Ltd., (ISRAEL)
 KLSA, S.A., (SPAIN)
 Lucas Meyer B.V., (NETHERLANDS)
 Lucas Meyer France S.A., (FRANCE)
 Lucas Meyer GmbH & Company, (FEDERAL
 REPUBLIC OF GERMANY)
 Lucas Meyer, Inc., (U.S.A.)
 Lucas Meyer N.V., (BELGIUM)
 Lucas Meyer S.A., (SPAIN)
 Lucas Meyer S.R.L., (ITALY)
 Lucas Meyer (UK) Ltd., (ENGLAND)
 A. Nattermann & Cie. GmbH, (FEDERAL
 REPUBLIC OF GERMANY)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Nutrimul B.V., (NETHERLANDS)
 Oleaginosas Espanolas S.A. (OESA), (SPAIN)
 Oleoproteinas del Sureste S.A.
 de C.V., (MEXICO)
 Olivex Ltd., (ISRAEL)
 Oljynpuristamo Oy, (FINLAND)
 Penta Manufacturing Company, Inc., (U.S.A.)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 President Enterprises Corp., (TAIWAN)
 Prestige Foods Ltd., (INDIA)
 Quincy Soybean Company of
 Arkansas, (U.S.A.)
 Riceland Foods, Inc., (U.S.A.)
 SAMRIG S.A., (BRAZIL)
 Shemen Ind. Ltd., (ISRAEL)
 Showa Sangyo Co., Ltd., Kashima
 Factory, (JAPAN)

Sociedad Iberica de Molturacion, S.A.
 (SIMSA), (SPAIN)
 Sociedade Iberica de Oleaginosas,
 S.A. (IBEROL), (PORTUGAL)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 Stern-Chemie, (FEDERAL REPUBLIC
 OF GERMANY)
 Teth Beth Ltd., (ISRAEL)
 C. Thywissen, (FEDERAL REPUBLIC
 OF GERMANY)
 Toyo Oil Mills Co., Inc., (JAPAN)
 N.V. Vamo Mills, (BELGIUM)
 Van den Bergh Foods, (U.S.A.)
 Victory Soya Mills Ltd., (CANADA)

▼ SIMULATED MEAT PRODUCTS (ANALOGS)

Alimentos S.A., (GUATEMALA)
 Archer Daniels Midland Company, (U.S.A.)
 Asahi Industries Company, Ltd., (JAPAN)
 Biotrek S.A., (GREECE)
 Breuer Food Agency, (FEDERAL REPUBLIC
 OF GERMANY)
 The British Arkady Co. Ltd., (ENGLAND)
 Cargill B.V., (NETHERLANDS)
 Central Soya Overseas B.V.,
 (NETHERLANDS)
 De Hobbitt, (BELGIUM)
 Dong Bang Corporation, (SOUTH KOREA)
 Fearn Natural Foods, (U.S.A.)
 Fuji Oil Co., Ltd., (JAPAN)
 General Spice, Inc., (U.S.A.)
 GMB Proteins Ltd., (ENGLAND)
 Grasas S.A., (COLOMBIA)
 Industria Gaucha de Farelos e Oleos
 S.A. (FAROL), (BRAZIL)
 Industrial de Alimentos S.A., (MEXICO)
 Light Foods, Inc., (U.S.A.)
 Lucas Ingredients Ltd., (ENGLAND)
 Lumen Food Corporation, (U.S.A.)
 Middle East Analog Technology,
 (SAUDI ARABIA)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Olvebra Industrial S.A., (BRAZIL)
 Prestige Foods Ltd., (INDIA)
 Quong Hop & Co., (U.S.A.)
 Shefa Protein Industries Ltd., (ISRAEL)
 Societe Industrielle Des Oleagineux
 (SIO), (FRANCE)
 Summercorn Foods, Inc. (U.S.A.)
 Timmins Group, Inc., (U.S.A.)
 Tumaros, Inc., (U.S.A.)
 White Wave, Inc., (U.S.A.)
 Worthington Foods, Inc., (U.S.A.)

▼ SOY FIBER

Aarhus Oliefabrik A/S, (DENMARK)
 Alimentos de Soja S.A., (ARGENTINA)
 Breuer Food Agency, (FEDERAL REPUBLIC OF GERMANY)
 The British Arkady Co. Ltd., (ENGLAND)
 CACOJA, (FRANCE)
 Edelsoja GmbH, (FEDERAL REPUBLIC OF GERMANY)
 Ener-G Foods, Inc., (U.S.A.)
 Fa. L.I. Frank, (NETHERLANDS)
 Fielder Ralston Proteins Pty., (AUSTRALIA)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 Howard Hall International, (U.S.A.)
 Lauhoff Grain Company, (U.S.A.)
 Lucas Meyer, Inc., (U.S.A.)
 Premier Industries (India) Ltd., (INDIA)
 Pronto Pty. Ltd./Riverland Oilseed Processors, (AUSTRALIA)
 Protein Technologies International, Inc., (U.S.A.)
 Quincy Soybean Company, (U.S.A.)
 Ralston Purina Company, (U.S.A.)
 Riverland Oilseed Processors, (AUSTRALIA)
 SAMRIG S.A., (BRAZIL)
 Societe Industrielle des Oleagineux (SIO), (FRANCE)
 Solbar Hatzor Ltd., (ISRAEL)
 Solnuts B.V., (NETHERLANDS)
 Solnuts, Inc., (U.S.A.)
 Stern-Chemie, (FEDERAL REPUBLIC OF GERMANY)

▼ SOY FLOUR

A.D.M. Europoort, (NETHERLANDS)
 Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
 Ag Processing, Inc., (U.S.A.)
 Allana Oil Mills, (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 BAR Export/Import, Inc., (U.S.A.)
 Breuer Food Agency, (FEDERAL REPUBLIC OF GERMANY)
 The British Arkady Co. Ltd., (ENGLAND)
 Cargill, Inc., (U.S.A.)
 Central Soya Company, Inc., (U.S.A.)
 Central Soya Overseas B.V., (NETHERLANDS)
 Cheil Sugar & Company, Ltd., (SOUTH KOREA)
 Compania Oleaginosa del Peru S.A. (COPSA), (PERU)
 William Connolly & Sons Ltd., (IRELAND)
 Dong Bang Corporation, (SOUTH KOREA)
 Edelsoja GmbH, (FEDERAL REPUBLIC OF GERMANY)
 Energe S.A., (BRAZIL)
 Etz-Hazayith Ltd., (ISRAEL)

Fa. L.I. Frank, (NETHERLANDS)
 Fuji Oil Co., Ltd., (JAPAN)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honeymead Products Company, (U.S.A.)
 Industria Gaucha de Farelos e Oleos S.A. (FAROL), (BRAZIL)
 Industrial de Alimentos S.A., (MEXICO)
 Industrias Molturadoras S.A. (IMSA), (ARGENTINA)
 KELSA, S.A., (SPAIN)
 Lauhoff Grain Company, (U.S.A.)
 Lucas Meyer B.V., (NETHERLANDS)
 Lucas Meyer France S.A., (FRANCE)
 Lucas Meyer GmbH & Company, (FEDERAL REPUBLIC OF GERMANY)
 Lucas Meyer, Inc., (U.S.A.)
 Lucas Meyer N.V., (BELGIUM)
 Lucas Meyer S.A., (SPAIN)
 Lucas Meyer S.R.L., (ITALY)
 Lucas Meyer (UK) Ltd., (ENGLAND)
 Nikka Fats & Oils Co., Ltd., (JAPAN)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Oljynpuristamo Oy, (FINLAND)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
 Premier Industries (India) Ltd., (INDIA)
 Prestige Foods Ltd., (INDIA)
 Pronto Pty. Ltd./Riverland Oilseed Processors, (AUSTRALIA)
 Riverland Oilseed Processors, (AUSTRALIA)
 SAMRIG S.A., (BRAZIL)
 Showa Sangyo Co., Ltd., (JAPAN)
 Sociedade Iberica de Oleaginosas, S.A. (IBEROL), (PORTUGAL)
 Societe Industrielle des Oleagineux (SIO), (FRANCE)
 Solbar Hatzor Ltd., (ISRAEL)
 Specialty Grain Co., (U.S.A.)
 Stern-Chemie, (FEDERAL REPUBLIC OF GERMANY)
 N.V. Vamo Mills, (BELGIUM)
 Victory Soya Mills Ltd., (CANADA)
 Vippy Solvex Products Ltd., (INDIA)

▼ SOY FLOUR/FULL FAT

Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
 ALIDOC, (FRANCE)
 Alpine Solvex Limited, (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Arrowhead Mills, Inc., (U.S.A.)
 BAR Export/Import, Inc., (U.S.A.)
 Breuer Food Agency, (FEDERAL REPUBLIC OF GERMANY)
 The British Arkady Co. Ltd., (ENGLAND)
 William Connolly & Sons Ltd., (IRELAND)

Edelsoja GmbH, (FEDERAL REPUBLIC OF GERMANY)
 Ener-G Foods, Inc., (U.S.A.)
 Energe S.A., (BRAZIL)
 A. W. Ennis Ltd., (IRELAND)
 Fa. L.I. Frank, (NETHERLANDS)
 Fearn Natural Foods, (U.S.A.)
 Fong-Mao Industries Company Ltd., (TAIWAN)
 Food Ingredients, Inc., (U.S.A.)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Golden Harvest Cereal Pty. Ltd., (SOUTH AFRICA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 HiPro Food Products, Inc., (U.S.A.)
 Honen Corporation, (JAPAN)
 Industrial de Alimentos S.A., (MEXICO)
 KELSA, S.A., (SPAIN)
 Lee Yeast Zambia Ltd., (ZAMBIA)
 Lucas Meyer B.V., (NETHERLANDS)
 Lucas Meyer France S.A., (FRANCE)
 Lucas Meyer GmbH & Company, (FEDERAL REPUBLIC OF GERMANY)
 Lucas Meyer Inc., (U.S.A.)
 Lucas Meyer N.V., (BELGIUM)
 Lucas Meyer S.A., (SPAIN)
 Lucas Meyer S.R.L., (ITALY)
 Lucas Meyer (UK) Ltd., (ENGLAND)
 Nikka Fats & Oils Co., Ltd., (JAPAN)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Nutrimul B.V., (NETHERLANDS)
 Olvebra Industrial S.A., (BRAZIL)
 Premier Industries (India) Ltd., (INDIA)
 Productora Costarricense de Alimentos, (COSTA RICA)
 Productos Alimenticios Delicias S.A. de C.V., (MEXICO)
 Pronto Pty. Ltd./Riverland Oilseed Processors, (AUSTRALIA)
 Riverland Oilseed Processors, (AUSTRALIA)
 Schouten/Giessen NV, (NETHERLANDS)
 Societe Industrielle des Oleagineux (SIO), (FRANCE)
 SOJADOC, (FRANCE)
 Solnuts B.V., (NETHERLANDS)
 Solnuts, Inc., (U.S.A.)
 SPP Cambridge, (ENGLAND)
 Stern-Chemie, (FEDERAL REPUBLIC OF GERMANY)
 TAGOL S.A., (PORTUGAL)
 United Soya Products, Ltd., (INDIA)
 N.V. Vamo Mills, (BELGIUM)
 Wysong Corporation, (U.S.A.)

▼ SOY FLOUR/TEXTURED

Alimentos S.A., (GUATEMALA)
 Allana Oil Mills, (INDIA)
 Archer Daniels Midland Company, (U.S.A.)

Breuer Food Agency, (FEDERAL REPUBLIC OF GERMANY)
 The British Arkady Co. Ltd., (ENGLAND)
 Cargill B.V., (NETHERLANDS)
 Central Soya Company, Inc., (U.S.A.)
 Central Soya Overseas B.V., (NETHERLANDS)
 Dong Bang Corporation, (SOUTH KOREA)
 Edelsoja GmbH, (FEDERAL REPUBLIC OF GERMANY)
 Ener-G Foods, Inc., (U.S.A.)
 Energe S.A., (BRAZIL)
 Fearn Natural Foods, (U.S.A.)
 General Foods Limited, (INDIA)
 General Spice, Inc., (U.S.A.)
 GMB Proteins Ltd., (ENGLAND)
 Industrial de Alimentos S.A., (MEXICO)
 Lucas Ingredients Ltd., (ENGLAND)
 Lucas Meyer B.V., (NETHERLANDS)
 Lucas Meyer France S.A., (FRANCE)
 Lucas Meyer GmbH & Company, (FEDERAL REPUBLIC OF GERMANY)
 Lucas Meyer N.V., (BELGIUM)
 Lucas Meyer S.A., (SPAIN)
 Lucas Meyer S.R.L., (ITALY)
 Lucas Meyer (UK) Ltd., (ENGLAND)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Olvebra Industrial S.A., (BRAZIL)
 PMS Foods, Inc., (U.S.A.)
 Premier Industries (India) Ltd., (INDIA)
 SAMRIG S.A., (BRAZIL)
 Societe Industrielle des Oleagineux (SIO), (FRANCE)
 Solbar Hatzor Ltd., (ISRAEL)
 United Soya Products, Ltd., (INDIA)

▼ SOY GRITS

A.D.M. Europoort, (NETHERLANDS)
 Aarhus Oliefabrik A/S, (DENMARK)
 Ag Processing, Inc., (U.S.A.)
 Allana Oil Mills, (INDIA)
 Alpine Solvex Limited, (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Breuer Food Agency, (FEDERAL REPUBLIC OF GERMANY)
 The British Arkady Co. Ltd., (ENGLAND)
 Cargill B.V., (NETHERLANDS)
 Cargill, Inc., (U.S.A.)
 Central Soya Overseas B.V., (NETHERLANDS)
 Cheil Sugar & Company, Ltd., (SOUTH KOREA)
 Edelsoja GmbH, (FEDERAL REPUBLIC OF GERMANY)
 Ener-G Foods, Inc., (U.S.A.)
 Fa. L.I. Frank, (NETHERLANDS)
 Fearn Natural Foods, (U.S.A.)
 Gardner Smith Pty. Ltd., (AUSTRALIA)

Soybean Processors and Manufacturers of Soy-Based Products

General Foods Limited, (INDIA)
 General Spice, Inc., (U.S.A.)
 HiPro Food Products, Inc., (U.S.A.)
 Industria Gaucha de Farelos e Oleos
 S.A. (FAROL), (BRAZIL)
 Industrial de Alimentos S.A., (MEXICO)
 Lauhoff Grain Company, (U.S.A.)
 Lucas Ingredients Ltd., (ENGLAND)
 Lucas Meyer B.V., (NETHERLANDS)
 Lucas Meyer France S.A., (FRANCE)
 Lucas Meyer GmbH & Company, (FEDERAL
 REPUBLIC OF GERMANY)
 Lucas Meyer, Inc., (U.S.A.)
 Lucas Meyer N.V., (BELGIUM)
 Lucas Meyer S.A., (SPAIN)
 Lucas Meyer S.R.L., (ITALY)
 Lucas Meyer (UK) Ltd., (ENGLAND)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Olvebra Industrial S.A., (BRAZIL)
 Premier Industries (India) Ltd., (INDIA)
 Riverland Oilseed Processors, (AUSTRALIA)
 SAMRIG S.A., (BRAZIL)
 Schouten/Giessen NV, (NETHERLANDS)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 Solnuts B.V., (NETHERLANDS)
 Solnuts, Inc., (U.S.A.)
 Specialty Grain Co., (U.S.A.)
 SPP Cambridge, (ENGLAND)
 Stern-Chemie, (FEDERAL REPUBLIC
 OF GERMANY)
 Tree of Life, Inc., (U.S.A.)
 Vippy Solvex Products Ltd., (INDIA)

▼ SOY OIL PRODUCTS

▽ COOKING/SALAD OIL

A.D.M. Agri-Industries, Ltd., (CANADA)
 A.D.M. Company Europe, (NETHERLANDS)
 Aceites Industriales El Zapote, (MEXICO)
 Ag Processing, Inc., (U.S.A.)
 Akzo Chemicals, (FEDERAL REPUBLIC
 OF GERMANY)
 Anupam Extractions Ltd., (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Samuel Banner & Company Ltd., (ENGLAND)
 Best Foods, CPC International, Inc., (U.S.A.)
 Bhavnagar Vegetable Products Unit, (INDIA)
 Bunge Edible Oil Corporation, (U.S.A.)
 C & T Refinery, Inc., (U.S.A.)
 Calgene Chemical, Inc., (U.S.A.)
 Canada Packers, Inc., (CANADA)

Canada Packers Inc., Edible Oil
 Division, (CANADA)
 Capital City Products Company, (U.S.A.)
 Cardowan Creameries Ltd., (SCOTLAND)
 Cheil Sugar & Company, Ltd.,
 (SOUTH KOREA)
 Colfax, Inc., (U.S.A.)
 Compania Numar S.A., (COSTA RICA)
 Compania Oleaginosa del Peru S.A.
 (COPSA), (PERU)
 Compañia Panameña de Aceites,
 S.A., (PANAMA)
 Consorcio Oleaginoso Portuguesa S.A.
 (COPOSA), (VENEZUELA)
 Conway Oil Company, (U.S.A.)
 CSP Foods Ltd., (CANADA)
 Derivados de Oleaginosas del Valle
 S.A. de C.V., (MEXICO)
 Devon Industries Sdn Bhd, (SINGAPORE)
 Dong Bang Corporation, (SOUTH KOREA)
 DS Industries ApS, (DENMARK)
 The Edible Oil Refining Company Ltd.,
 (MALTA)
 The Egyptian National Vegetable Oils
 Extraction Corp. (ENVOCO), (EGYPT)
 Ener-G Foods, Inc., (U.S.A.)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita S. A.,
 (ECUADOR)
 Fuji Oil Co., Ltd., Han-nan Factory, (JAPAN)
 Fwu Sow Grain Products Co., Ltd., (TAIWAN)
 Gateway Food Products Company, (U.S.A.)
 General Foods Limited, (INDIA)
 Grasas Vegetales S.A. (GRAVETAL),
 (COLOMBIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Fritz Homann Lebensmittelwerke GmbH
 & Co. K.G., (FEDERAL REPUBLIC
 OF GERMANY)
 Honen Corporation, (JAPAN)
 Honeymead Products Company, (U.S.A.)
 Hsiao-Kang By-Products Factory,
 TSC, (TAIWAN)
 HYBCO, U.S.A., (U.S.A.)
 Industrial Aceitera S.A., (MEXICO)
 Industrial Enterprises Co. Ltd., (THAILAND)
 Industrias Conasupo S.A. de C.V.
 (ICONSA), (MEXICO)
 Industrias de Aceite S.A., (BOLIVIA)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Industrias Lavador C. Por A.,
 (DOMINICAN REPUBLIC)
 Italiana Olii & Risi S.p.A., (ITALY)

- Tell Them You Saw It In The Soya Bluebook -

Italiana Olii & Risi S.p.A., (ITALY)
 Izhar Industries (2000) Ltd., (ISRAEL)
 Karlshamns AB, (SWEDEN)
 Kraft Food Ingredients Corp., (U.S.A.)
 Kuwait Flour Mills Co., SAK, (KUWAIT)
 Lou Ana Foods, Inc., (U.S.A.)
 Mallet & Company, Inc., (U.S.A.)
 The Malwa Vanaspati & Chemical
 Co. Ltd., (INDIA)
 Margarinbolaget AB, (SWEDEN)
 Marsa Margarin Sanayi A.S., (TURKEY)
 Miami Margarine Company, (U.S.A.)
 Molinos Rio de la Plata S.A., (ARGENTINA)
 Nikka Fats & Oils Co., Ltd., (JAPAN)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Noblee & Thorl GmbH, (FEDERAL
 REPUBLIC OF GERMANY)
 Oleica S.A., (ECUADOR)
 Oleoproteinas del Sureste S.A. de
 C.V., (MEXICO)
 Olivex Ltd., (ISRAEL)
 Olijynpuristamo Oy, (FINLAND)
 OLMECA S.A., (GUATEMALA)
 Olvebra Industrial S.A., (BRAZIL)
 Osterreichische Unilever Ges.m.bH, (AUSTRIA)
 Oswal Agro Mills Ltd., (INDIA)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 Patum Vegetable Oil Company, Ltd.,
 (THAILAND)
 Penta Manufacturing Company, Inc., (U.S.A.)
 Pokonobe Industries Inc., (CANADA)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 President Enterprises Corp., (TAIWAN)
 Primeros Hidrogenadores de Aceites y Grasas
 Ecuatorianos, (ECUADOR)
 Procter & Gamble Ltd., (ENGLAND)
 Productora Nacional de Alimentos Bal-
 anceados S.A., (DOMINICAN REPUBLIC)
 Proteinas y Grasas S.A. (PROGRASA),
 (HONDURAS)
 Quincy Soybean Company of
 Arkansas, (U.S.A.)
 Raision Tehtaat Oy Ab, (FINLAND)
 Riceland Foods, Inc., (U.S.A.)
 Rich Products Corporation, (U.S.A.)
 Rotterdamsche Margarine Industrie B.V.
 (ROMI), (NETHERLANDS)
 Rustco Products Company, (U.S.A.)
 S. E. Rykoff & Company, (U.S.A.)
 SAFFOLA Quality Foods, Inc., (U.S.A.)
 SAIS, (SWITZERLAND)
 SAMRIG S.A., (BRAZIL)
 A. Saumweber GmbH, (FEDERAL
 REPUBLIC OF GERMANY)
 O. & L. Sels, (FEDERAL REPUBLIC
 OF GERMANY)
 Shemen Ind. Ltd., (ISRAEL)
 Showa Sangyo Co., Ltd., (JAPAN)

Sociedad Iberica de Molturacion, S.A.
 (SIMSA), (SPAIN)
 Sociedade Iberica de Oleaginosas, S.A.
 (IBEROL), (PORTUGAL)
 STAR Stabilimento Alimentare S.p.A., (ITALY)
 TAGOL S.A., (PORTUGAL)
 Teth Beth Ltd., (ISRAEL)
 Thanakorn Vegetable Oil Products Co.
 Ltd, (THAILAND)
 C. Thywissen, (FEDERAL REPUBLIC
 OF GERMANY)
 Townsends, Inc., (U.S.A.)
 Tree of Life, Inc., (U.S.A.)
 Tri-Star Soya Products Ltd., (INDIA)
 United Edible Oils, Inc., (U.S.A.)
 Van den Bergh Foods, (U.S.A.)
 Van Den Berghs & Jurgens Ltd., (ENGLAND)
 N. V. Vandemoortele, (BELGIUM)
 Watt's Alimentos S.A., (CHILE)
 Wilsey Foods, Inc., (U.S.A.)
 Wysong Corporation, (U.S.A.)
 Yoshihara Oil Mill, Ltd., (JAPAN)

▽ **SALAD DRESSING**

A.D.M. Agri-Industries, Ltd., (CANADA)
 Aceites Industriales El Zapote, (MEXICO)
 Akzo Chemicals, (FEDERAL REPUBLIC
 OF GERMANY)
 Archer Daniels Midland Company, (U.S.A.)
 Best Foods, CPC International, Inc., (U.S.A.)
 Bunge Edible Oil Corporation, (U.S.A.)
 C & T Refinery, Inc., (U.S.A.)
 CACOJA, (FRANCE)
 Clofine Dairy & Food Products, Inc., (U.S.A.)
 Compania Numar S.A., (COSTA RICA)
 Conway Oil Company, (U.S.A.)
 Country Farmhouse Soya
 Products, (JAMAICA)
 Dong Bang Corporation, (SOUTH KOREA)
 P. Dumortier Freres, (FRANCE)
 The Edible Oil Refining Company Ltd.,
 (MALTA)
 Fong-Mao Industries Company Ltd., (TAIWAN)
 Goods Inc./Mainland Oriental Express, (U.S.A.)
 Fritz Homann Lebensmittelwerke GmbH
 & Co. K.G., (FEDERAL REPUBLIC
 OF GERMANY)
 Homestyle Foods, (U.S.A.)
 Honeymead Products Company, (U.S.A.)
 HYBCO, U.S.A., (U.S.A.)
 Karlshamns AB, (SWEDEN)
 Kraft Food Ingredients Corp., (U.S.A.)
 Legume, Inc., (U.S.A.)
 Miami Margarine Company, (U.S.A.)
 Molinos Rio de la Plata S.A., (ARGENTINA)
 Nasoya Foods, (U.S.A.)
 Natural Pacific Tofu, (U.S.A.)
 Oleica S.A., (ECUADOR)

Osterreichische Unilever Ges.mbh, (AUSTRIA)
 Penta Manufacturing Company, Inc., (U.S.A.)
 Proteinas y Grasas S.A. (PROGRASA),
 (HONDURAS)
 Quong Hop & Co., (U.S.A.)
 Raison Tehtaat Oy Ab, (FINLAND)
 S. E. Rykoff & Company, (U.S.A.)
 SAIS, (SWITZERLAND)
 The C. F. Sauer Company, (U.S.A.)
 O. & L. Sels, (FEDERAL REPUBLIC
 OF GERMANY)
 TAGOL S.A., (PORTUGAL)
 Tofukost-Werk Tk'w GmbH, (FEDERAL
 REPUBLIC OF GERMANY)
 Van den Bergh Foods, (U.S.A.)
 N. V. Vandemoortele, (BELGIUM)
 Wysong Corporation, (U.S.A.)

▽ SOY OIL MARGARINE

A.D.M. Agri-Industries, Ltd., (CANADA)
 Archer Daniels Midland Company, (U.S.A.)
 Best Foods, CPC International, Inc., (U.S.A.)
 Bhavnagar Vegetable Products Unit, (INDIA)
 Bunge Edible Oil Corporation, (U.S.A.)
 C & T Refinery, Inc., (U.S.A.)
 Canada Packers, Inc., (CANADA)
 Canada Packers Inc., Edible Oil
 Division, (CANADA)
 Capital City Products Company, (U.S.A.)
 Cardowan Creameries Ltd., (SCOTLAND)
 Central Valley Vegetable Oils, (U.S.A.)
 COGRA Lever S.A., (COLOMBIA)
 Compania Numar S.A., (COSTA RICA)
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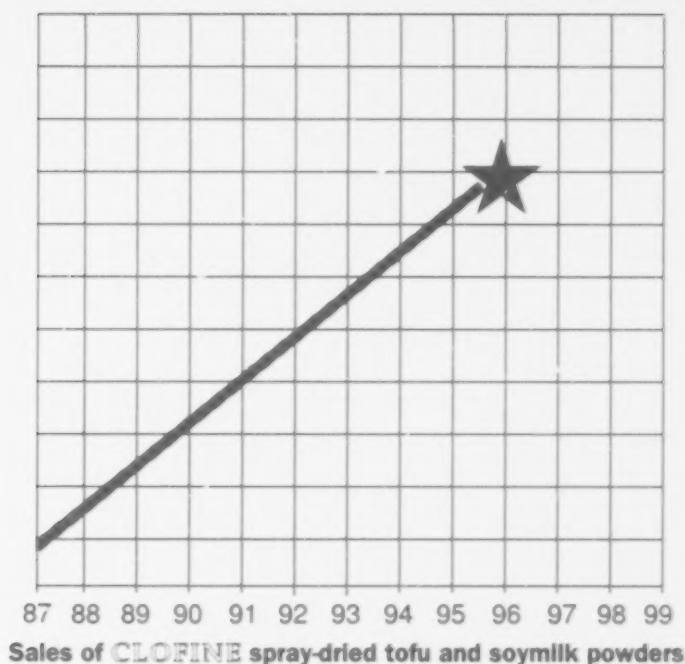
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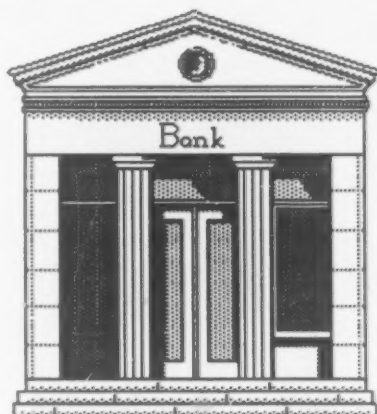
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Tree of Life, Inc., (U.S.A.)
Tumaros, Inc., (U.S.A.)
Virginia Soyworks, (U.S.A.)
White Wave, Inc., (U.S.A.)
Worthington Foods, Inc., (U.S.A.)
Yaupon Soyfoods, (U.S.A.)
Yeo Hiap Seng Ltd., (SINGAPORE)
Zuaitzo Proteinas Vegetales, (SPAIN)

**INDUSTRIAL-GRADE
SOY PRODUCTS FOR
NON-FOOD USES**

▼ **LECITHIN (INDUSTRIAL GRADE)**

A.D.M. Agri-Industries, Ltd., (CANADA)
Ag Processing, Inc., (U.S.A.)
American Lecithin Company, (U.S.A.)
Archer Daniels Midland Company, (U.S.A.)
Arlasa, (SPAIN)
Calgene Chemical, Inc., (U.S.A.)
Capital City Products Company, (U.S.A.)
Central Soya Company, Inc., (U.S.A.)
Central Soya Overseas B.V.,
(NETHERLANDS)
Cheil Sugar & Company, Ltd.,
(SOUTH KOREA)
W. A. Cleary Products, Inc., (U.S.A.)
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Dong Bang Corporation, (SOUTH KOREA)
Energe S.A., (BRAZIL)
Etz-Hazayith Ltd., (ISRAEL)
General Foods Limited, (INDIA)
Grasas S.A., (COLOMBIA)
Grasas Vegetales S.A.
(GRAVETAL), (COLOMBIA)
Great Wall Enterprise Co. Ltd., (TAIWAN)
Honeybead Products Company, (U.S.A.)
INDO S.A., (ARGENTINA)
Industria Gaucha de Farelos e Oleos
S.A. (FAROL), (BRAZIL)
Industrias J. B. Duarte S.A., (BRAZIL)
Industrias Molturadoras S.A.
(IMSA), (ARGENTINA)
Loveland Industries, Inc., (U.S.A.)

Soybean Processors and Manufacturers of Soy-Based Products

Lucas Meyer B.V., (NETHERLANDS)
 Lucas Meyer France S.A., (FRANCE)
 Lucas Meyer GmbH & Company, (FEDERAL
 REPUBLIC OF GERMANY)
 Lucas Meyer, Inc., (U.S.A.)
 Lucas Meyer N.V., (BELGIUM)
 Lucas Meyer S.A., (SPAIN)
 Lucas Meyer S.R.L., (ITALY)
 Lucas Meyer (UK) Ltd., (ENGLAND)
 A. Nattermann & Cie. GmbH, (FEDERAL
 REPUBLIC OF GERMANY)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Oleaginosas Espanolas S.A. (OESA), (SPAIN)
 Oljynpuristamo Oy, (FINLAND)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 Penta Manufacturing Company, Inc., (U.S.A.)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Primeros Hidrogenadores de Aceites y Grasas
 Ecuatorianos, (ECUADOR)
 Riceland Foods, Inc., (U.S.A.)
 SAMRIG S.A., (BRAZIL)
 O. & L. Sels, (FEDERAL REPUBLIC
 OF GERMANY)
 Shemen Ind. Ltd., (ISRAEL)
 Sociedad Iberica de Molturacion, S.A.
 (SIMSA), (SPAIN)
 Sociedade Iberica de Oleaginosas, S.A.
 (IBEROL), (PORTUGAL)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 Soya Mainz GmbH & Co. Komman-
 ditgesellschaft, (FEDERAL REPUBLIC
 OF GERMANY)
 Stern-Chemie, (FEDERAL REPUBLIC
 OF GERMANY)
 Tvornica za preradu soje, (YUGOSLAVIA)
 N.V. Vamo Mills, (BELGIUM)
 Victory Soya Mills Ltd., (CANADA)
 Vippy Solvex Products Ltd., (INDIA)

▼ SOYBEAN FATTY ACIDS

Ag Processing, Inc., (U.S.A.)
 Akzo Chemicals, (FEDERAL REPUBLIC
 OF GERMANY)
 Anupam Extractions Ltd., (INDIA)
 Bhavnagar Vegetable Products Unit, (INDIA)
 Capital City Products Company, (U.S.A.)
 Cheil Sugar & Company, Ltd.,
 (SOUTH KOREA)
 Conway Oil Company, (U.S.A.)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
 Dong Bang Corporation, (SOUTH KOREA)
 DS Industries ApS, (DENMARK)
 The Edible Oil Refining Company
 Ltd., (MALTA)
 Grasas Vegetales S.A.
 (GRAVETAL), (COLOMBIA)

Great Wall Enterprise Co. Ltd., (TAIWAN)
 The Malwa Vanaspati & Chemical Co.
 Ltd., (INDIA)
 Nikka Fats & Oils Co., Ltd., (JAPAN)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Olivex Ltd., (ISRAEL)
 Patum Vegetable Oil Company, Ltd.,
 (THAILAND)
 Procter & Gamble Ltd., (ENGLAND)
 Quantum Chemical Company, Emery
 Division, (U.S.A.)
 Quincy Soybean Company of
 Arkansas, (U.S.A.)
 Raison Tehtaast Oy Ab, (FINLAND)
 SAIS, (SWITZERLAND)
 O. & L. Sels, (FEDERAL REPUBLIC
 OF GERMANY)
 Soon Soon Oilmills SDN BHD, (MALAYSIA)
 Soya Mainz GmbH & Co. Komman-
 ditgesellschaft, (FEDERAL REPUBLIC
 OF GERMANY)
 Jacob Stern & Sons, Inc., (U.S.A.)
 Toyo Oil Mills Co., Inc., (JAPAN)
 Van den Bergh Foods, (U.S.A.)

▼ SOY FLOUR/SOY PROTEIN (INDUSTRIAL GRADE)

Aceites y Derivados del Pacifico
 S.A., (MEXICO)
 Ag Processing, Inc., (U.S.A.)
 Archer Daniels Midland Company, (U.S.A.)
 Bag Yaglari Sanayi ve Ticaret
 T.A.S., (TURKEY)
 BOCM Silcock Ltd., (ENGLAND)
 Cargill, Inc., (U.S.A.)
 Cherwell Valley Silos Ltd., (ENGLAND)
 Dindings Soya & Multifeeds Sdn.
 Berhad, (MALAYSIA)
 Dong Bang Corporation, (SOUTH KOREA)
 Ener-G Foods, Inc., (U.S.A.)
 Energe S.A., (BRAZIL)
 Fong-Mao Industries Company Ltd., (TAIWAN)
 Raul Garcia y Cia, S.A. de C.V. (Ragasa
 Group), (MEXICO)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Golden Harvest Cereals Pty. Ltd.,
 (SOUTH AFRICA)
 Grain States Soya, Inc., (U.S.A.)
 Grasas S.A., (COLOMBIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Hendrix Voeders B.V., (NETHERLANDS)
 Honeymead Products Company, (U.S.A.)
 Industria Gaucha de Farelos e Oleos S.A.
 (FAROL), (BRAZIL)
 Industrial de Alimentos S.A., (MEXICO)
 Innovex Nutrition 1989 Ltd., (NEW ZEALAND)
 Lee Yeast Zambia Ltd., (ZAMBIA)

Marshall Labs, Inc., (U.S.A.)
 Mervo Products B.V., (NETHERLANDS)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Premier Industries (India) Ltd., (INDIA)
 Protein Technologies International,
 Inc., (U.S.A.)
 Proteinas Naturales, S.A. de C.V., (MEXICO)
 Ralston Purina Company, (U.S.A.)
 Showa Sangyo Co., Ltd., (JAPAN)
 Sociedade Nacional de Saboes,
 Lda., (PORTUGAL)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 Soya Hellas S.A., (GREECE)
 Specialty Grain Co., (U.S.A.)
 TAGOL S.A., (PORTUGAL)
 Victory Soya Mills Ltd., (CANADA)
 Vippy Solvex Products Ltd., (INDIA)

Allana Oil Mills, (INDIA)
 Anupam Extractions Ltd., (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Bag Yagları Sanayi ve Ticaret
 T.A.S., (TURKEY)
 BOCM Silcock Ltd., (ENGLAND)
 Calgene Chemical, Inc., (U.S.A.)
 Capital City Products Company, (U.S.A.)
 Cargill, Inc., (U.S.A.)
 Central Soya Company, Inc., (U.S.A.)
 COGRA Lever S.A., (COLOMBIA)
 Consorcio Oleaginoso Portuguesa S.A.
 (COPOSA), (VENEZUELA)
 Conway Oil Company, (U.S.A.)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
 DS Industries ApS, (DENMARK)
 The Edible Oil Refining Company
 Ltd., (MALTA)
 Ener-G Foods, Inc., (U.S.A.)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita
 S. A., (ECUADOR)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Grasas Vegetales S.A.
 (GRAVETAL), (COLOMBIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honeymead Products Company, (U.S.A.)
 Industrial de Alimentos S.A., (MEXICO)

▼ SOY OIL (INDUSTRIAL GRADE)

Aceites y Derivados del Pacifico
 S.A., (MEXICO)
 Ag Processing, Inc., (U.S.A.)
 Akzo Chemicals, (FEDERAL REPUBLIC
 OF GERMANY)

1875

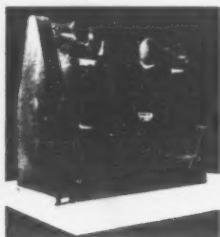


ALL OIL MILL MACHINERY

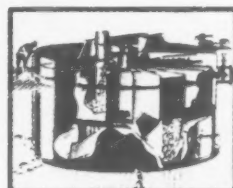
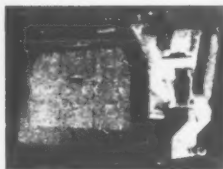
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Industrias Conasupo S.A. de C.V.
(ICONSA), (MEXICO)
Industrias J. B. Duarte S.A., (BRAZIL)
Industrias Molturadoras S.A.
(IMSA), (ARGENTINA)
Karlshamns AB, (SWEDEN)
Lou Ana Foods, Inc., (U.S.A.)
Loveland Industries, Inc., (U.S.A.)
The Malwa Vanaspati & Chemical Co.
Ltd., (INDIA)
Marsa Margarin Sanayi A.S., (TURKEY)
National Flour Mills Ltd., (TRINIDAD
& TOBAGO)
Nikka Fats & Oils Co., Ltd., (JAPAN)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Oleaginosas Espanolas S.A. (OESA), (SPAIN)
Osterreichische Unilever Ges.mbh, (AUSTRIA)
Penta Manufacturing Company, Inc., (U.S.A.)
La Polar, Fabrica de Aceite Hidrogenado y
Manteca Vegetal S.A., (MEXICO)
Proteinas Naturales, S.A. de C.V., (MEXICO)
Quincy Soybean Company of
Arkansas, (U.S.A.)
Raision Tehtaat Oy Ab, (FINLAND)
Riverland Oilseed Processors, (AUSTRALIA)
SAIS, (SWITZERLAND)
Shemen Ind. Ltd., (ISRAEL)
Sociedad Iberica de Molturacion, S.A.
(SIMSA), (SPAIN)
Sociedade Iberica de Oleaginosas, S.A.
(IBEROL), (PORTUGAL)
Sociedade Nacional de Saboes, Lda.,
(PORTUGAL)

Societe Industrielle Des Oleagineux
(SIO), (FRANCE)
Soon Soon Oilmills SDN BHD, (MALAYSIA)
Soya Mainz GmbH & Co. Komman-
ditgesellschaft, (FEDERAL REPUBLIC
OF GERMANY)
Jacob Stern & Sons, Inc., (U.S.A.)
Thanakorn Vegetable Oil Products Co.
Ltd, (THAILAND)
Townsend, Inc., (U.S.A.)
Van den Bergh Foods, (U.S.A.)
Victory Soya Mills Ltd., (CANADA)
Vippy Solvex Products Ltd., (INDIA)
Watt's Alimentos S.A., (CHILE)

**▼ SOY STEROLS &
TOCOPHEROLS**

Ag Processing, Inc., (U.S.A.)
Akzo Chemicals, (FEDERAL REPUBLIC
OF GERMANY)
Conway Oil Company, (U.S.A.)
Eastman Chemical Company, (U.S.A.)
Great Wall Enterprise Co. Ltd., (TAIWAN)
Industrias J. B. Duarte S.A., (BRAZIL)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Quincy Soybean Company of
Arkansas, (U.S.A.)
O. & L. Sels, (FEDERAL REPUBLIC
OF GERMANY)
Tay Shan Enterprise Company Ltd., (TAIWAN)

**When Contacting
A Company
Through The Use Of These Listings,
Please Be Sure To Tell Them
"I Saw Your Listing
In The Soya Bluebook".
Thank You**

— Notes/Address Changes —

Soybean Processors and Manufacturers of Soy-Based Products

• **Companies Which Produce:**

Soybean Processor (Crusher) & Soybean Oil Refiner Products
Edible Grade Soy Products / Soyfoods
Industrial Grade Soy Products For Non-Food Use

Yellow Pages — Company Listings, A-Z, By Country

Country Index 80

How To Use These Listings

SAMPLE LISTING

- Company name
- Address, if MAIN OFFICE, indicated
- Communication numbers, Telephone, Telex, Fax, etc.
- If Other Offices, indicated
- Key contact person
- Process used, products available, and served by what means of transportation
- Contact for preceding products

A.B.C. SOYBEAN PROCESSING CO. ★ C R SF IP
MAIN OFFICE: 123 Main Street,
P.O. Box 84, Anytown, ST 123456,
PH: 123/456-7890;
TLX: 12-345 (ABC OK);
FAX: 123/456-1234.
Other Offices: Pleasantville, ST
CONTACT: John Doe, Pres.
Solvent extraction; meal, hulls, crude oil, crude degummed oil, white flakes for edible purposes; served by truck and rail.
CONTACT: Bill Smith. **Crude degummed oil, once refined oil, fully refined oil, hydrogenated oil, edible soy oil products, industrial oil products; served by truck and rail.**
CONTACT: James Best.

Indicates whether company is a processor (crusher) - C, a refiner - R, produces edible soyfoods - SF, or produces industrial-grade soy products - IP

Indicates listing updated in 1990

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ARGENTINA

Aceltera General

Deheza S.A. C R SF

Moreno 149, P.O. Box 16, General Deheza
 5923, Córdoba, ARGENTINA; PH: 54/586/
 950022 (067, 068, 397, or 443); TLX: 3 4501
 (AGEDE AR) or 390-54589 (AGEDE AR);
 FAX: 54/586/95520.

Other Offices: Capital Feral, Buenos Aires,
 ARGENTINA (Sales Office)

CONTACT: Roberto D. Urquia, Man. Dir.

Solvent extraction; crush cap. 3,500MT/day;
storage cap. 400,000MT; crude degummed
soybean oil, crude soybean oil, meal; served
by truck and rail. Refining cap. 150MT/day;
storage cap. 3,000MT; crude degummed soy-
bean oil, edible soy oil products, fully refined
soybean oil, once refined soybean oil;

served by truck and rail. A.CHA lecithin
(edible grade).

Allmentos de Soja S.A. SF

Suipacha 570, 3rd floor, Buenos Aires 1008,
 ARGENTINA; PH: 393/1248-0336; TLX: 28035
 (EAPMSA AR).

CONTACT: Ricardo Shaw, Mktg.

Soy fiber; soymilk or drinks.

Buyatti S.A.I.C.A. C R

MAIN OFFICE: Belgrano 1442, Reconquista
 3560, Santa Fe, ARGENTINA; PH: 0776/21353;
 TLX: 48188 (BUYAT AR).

Other Offices: San Martín, Santa Fe,
 ARGENTINA

CONTACT: Raul F. Venetucci, Ing. QCO.

Solvent extraction; crush cap. 1100MT/day;
storage cap. 40,000MT; meal, crude degum-
med oil; served by truck, rail and barge.

Soybean Processors and Manufacturers of Soy-Based Products

Refining cap. 120MT/day; storage cap. 10,000 MT; fully refined oil; served by truck, rail and barge.

Buyatti S.A.I.C.A. C

Belgrano S/N, PTO San Martin, Santa Fe, ARGENTINA; PH: 0476/23999.

CONTACT: Raul F. Venetucci, Ing. QCO.

Solvent extraction; crush cap. 2000MT/day; storage cap. 45,000MT; meal, crude degummed oil; served by truck, rail, barge and ship.

Cargill S.A.C.I. ★ C R

Casilla de Correo #2494, 1000 Buenos Aires, ARGENTINA; PH: 54/1/313-4114 or 313-4224.

CONTACT: Hector Marsili

Solvent extraction; crush cap. 3,600MT/day; meal; served by ship. Crude oil, crude degummed oil; served by ship.

Compania Continental S.A. ★

Affiliate of Continental Grain Co., USA
MAIN OFFICE: Ave. Eduardo Madero 942,

Buenos Aires 2206, ARGENTINA; PH: 54/1/312-5601; TLX: 390-22372 (CONT AR); FAX: 54/1/313-7219.

Other Offices: Chivilcoy (Mfg.)

CONTACT: Fernando O. DeRoa, Gen. Country Mgr.

Compania Continental S.A. ★ C R

Ruta 5, Km. 160, Chivilcoy 6620, ARGENTINA; PH: 011/541/312-5601; TLX: 390-22372 (CONT AR).

CONTACT: Diego Barbero

Solvent extraction; crush cap. 750MT/day; storage cap. 75,000MT; crude degummed oil; served by truck. Refining storage cap. 8,800MT; crude degummed oil; served by truck.

INDO S.A. C R SF IP

Reconquista 458, Piso 15º, Buenos Aires 1358, ARGENTINA; PH: 5411/2385-1589; TLX: 24085-9105-24283 (LAPCE AR).

CONTACT: Jorge O. Fernandez, Pres.

REFERENCE INFORMATION

SOYA STATISTICS

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Soybean Production
Area Planted/Harvested and Yield
Soybeans and Soybean Products; Supply and Disposition
U.S. Soybean Prices, Crop Value, Farm Marketings

Soybean Processing and Products
Product Value
Protein Meals

Exports and Imports

SOYA GLOSSARY

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Soya Terms Defined

**STANDARDS
AND SPECIFICATIONS**
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National Oilseed Processors Association (NOPA)
Yearbook and Trading Rules, 1990
Association of American Feed Control Officials, Inc.
(AAFCO)
AAFCO Official Publication 1990
United States Department of Agriculture
Official United States Standards for Grain 1989

STATISTICAL CONVERSIONS
Page 271

Soya, Metric and Temperature Conversions

★ Updated Listing
Alphabetical By Country

C=Soybean Processor (Crusher)
R=Soybean Oil Refiner

SF=Edible Soy Products/Foods
IP=Industrial Soy Products

Crush cap. 1,700MT/day; storage cap. 90,000MT; meal; served by truck, rail, barge and ship. CONTACT: Esteban Zombory. Refining cap. 60MT/Day; storage cap. 27,000MT; crude degummed oil, fully refined oil, edible soy oil products; served by truck, rail, barge and ship. CONTACT: Ruben Rodriguez. Lecithin (edible grade) in bulk and 200ks iron drums. Lecithin (Industrial grade) in bulk and 200ks iron drums. CONTACT: Jorge Barthes.

Industrias Molturadoras S.A. (IMSA) C SF IP

Roca esquina Cuba, Casilla de Correo 50, Pto. Gral. San Martin 2202, ARGENTINA; PH: 0476/22635 or 0476/23073; TLX: 49615 (IMSA). Solvent extraction; crush cap. 2,000MT; storage cap. 60,000MT; meal, crude oil, crude degummed oil, edible soy oil products; served by truck, rail, barge and ship. Soy flour. Lecithin (Industrial grade); soy oil (Industrial grade).

Molinos Rio de la

Plata S.A. ★ C R SF

Paseo Colon 746, Piso 3, Buenos Aires 1323, ARGENTINA; PH: 54/1/331-3002 or 3003; TLX: 22270 (MRPSA AR); FAX: 54/1/30-4439.

Other Offices: Avellaneda, Provincia de Buenos Aires (mfg.); Puerto Vilelas, Chaco (mfg.) CONTACT: Juan D. Protto, Div. Mgr. Continuous screw press, solvent extraction; crush cap. 2,800MT/day; storage cap. 160,000MT; crude degummed soybean oil, meal; served by ship and truck. Refining cap. 800MT/day; storage cap. 30,000MT; edible soy oil products, refined soybean oil. Soybean oil products, margarine; shortening; cooking/salad oil; salad dressing.

SPRAYLAC S.R.L. SF

Av. Aristobulo del Valle 7090, Santa Fe 3000, Santa Fe, ARGENTINA; PH: 54/42/60126; TLX: 48204 (MASA AR); FAX: 52/42/50096.

CONTACT: Rubén D. Roa, Export Dir. Soyfoods, spray dried soymilk, drinks or beverages. CONTACT: Ruben D. Roa, Export Dir.

Tankay S.A. C

Ruta Nacional Nº 9, Km. 336, San Geronimo Sud 2136, Santa Fé, ARGENTINA; PH: 041/45688 or 63354 or 961408 or 932470; TLX: 41972 (TNKAY AR).

CONTACT: Hector C. Autino, Operations Mgr. Solvent extraction; crush cap. 1,200MT/day; storage cap. 70,000MT; crude degummed soybean oil, meal; served by barge, rail.

AUSTRALIA

Cargill Oilseeds Australia ★

MAIN OFFICE: G.P.O. 58A, Melbourne 3001, AUSTRALIA; PH: 61/3/267-7077; TLX: 31140. CONTACT: Ralph Selwood, Mktg. Mgr.

Cargill Processing Ltd. ★ C R

Affiliate of Cargill Oilseeds Australia
425 Somerville Road, West Footscray 3012, Victoria, AUSTRALIA; PH: 61/3/314-0933; TLX: 30875.

CONTACT: John Spence

Solvent extraction; crush cap. 400MT/day; storage cap. 8,000MT; meal; served by truck. Refining cap. 70MT/day; storage cap. 4,000MT; crude degummed oil; served by truck.

Fielder Ralston Proteins Pty. ★ SF

Affiliate of Protein Technologies International
335 Plummer Street, Port Melbourne, Victoria 3207, Victoria, AUSTRALIA; PH: 03/646-6300; TLX: 33218 (FELDA AA); FAX: 03/646-6601.

Other Offices: Leichhardt, AUSTRALIA

CONTACT: J. Michael Rudd, Man. Dir. SUPRO isolated soy proteins; soyfoods, other soy-based foods, FIBRIM soy fiber.

Gardner Smith Pty.

Ltd. ★ C R SF IP

P.O. Box 606, Neutral Bay Junction 2089, N.S.W., AUSTRALIA; PH: 02/909-2222; TLX: (AA) 120824; FAX: 02/909-8340 or 8691.

CONTACT: Peter Shearman, Veg. Oil Mgr. Continuous screw press; crush cap. 100MT/day; animal/livestock feed, crude degummed soybean oil, hulls, meal, white flakes for edible purposes; served by ship & truck. Refining cap. 50MT/day; storage cap. 8,000MT; crude degummed soybean oil, industrial oil products; refined soybean oil; served by truck. Soy flour; full fat soy flour; soy fiber; soy grits. Full fat soy flour/soy protein (Industrial grade); soy oil (Industrial grade).

Meadow Lea Foods ★ R SF

Affiliate of Goodman Fielder Wattie Ltd.
514 Gardeners Road, Mascot 2020, NSW, AUSTRALIA; PH: 02/693-6398; TLX: 120540 (MEDLEA); FAX: 02/669-6973.

CONTACT: Warren Burden, Gen. Mgr. Supply Refining cap. 100MT/day; storage cap. 800MT (nationally); fractionated oil, hydrogenated soy oil, refined soybean oil; served by rail, ship or truck. Soybean oil products, MEADOW LEA, MRS MCGREGORS, ETA,

MEADOW LEA LITE margarine; shortening (various brands).

Nutrisoy Pty. Ltd. *SF*

255 Forest Road, Arncliffe 2205, N.S.W., AUSTRALIA; PH: 61/2/597-4120.
CONTACT: Tony Wondal, Man. Dir.
Soyfoods, NUTRISOY tempeh; NUTRISOY tofu; other soy-based foods, NUTRISOY tempeh burger.

Pronto Pty. Ltd./Riverland Oilseed Processors *C SF*

46-50 McDonald Street, P.O. Box 177, Numurkah 3636, Victoria, AUSTRALIA; PH: 058-621666; FAX: 058-622391.
CONTACT: Rob Richardson, Plant Mgr.
Continuous screw press; crush cap. 60MT/day; storage cap. 2,200MT; animal/livestock feed, crude degummed soybean oil; served by rail and truck. Soy flour; full fat soy flour; soy fiber.

Queensland Oilseed Crushers Pty. Ltd. *C R*

Affiliate of Cargill Oilseeds Australia
59-85 Antimony Street, Queensland 4300, AUSTRALIA; PH: 61/7/271-1766; TLX: 43619 (QOL AA).
CONTACT: Geoff Armstrong
Solvent extraction; meal; served by truck and ship. Crude degummed oil; served by truck and ship.

Riverland Oilseed Processors *C R SF IP*

Affiliate of Gardner Smith Pty. Ltd.
46-50 McDonald Street, P.O. Box 177, Numurkah 3636, Victoria, AUSTRALIA; PH: 0061/058/621-666; FAX: 0061/058/622-391.
CONTACT: Ian S. Rickards, Man. Dir.
Continuous screw press; crush cap. 600MT/day; storage cap. 2,500MT; animal/livestock feed, crude degummed soybean oil, meal; served by rail, ship, truck. Refining cap. 30MT/day; storage cap. 140MT; crude degummed soybean oil, industrial oil products, refined soybean oil; served by rail, truck. Soy flour; full fat soy flour; soy fiber; soy grits. Soy oil (Industrial grade).

AUSTRIA

Osterreichische Unilever

Ges.mbH *R SF IP*

Affiliate of Unilever N.V. Rotterdam
Schenkenstraße 8-10, Vienna 1010, AUSTRIA; PH: 0043/222/53119-500; TLX: 114080 or 115083; FAX: 43/222/533-5173.

Other Offices: Klagenfurt, Vienna, AUSTRIA

CONTACT: Hanns G. Buttner, Chman.

Hydrogenated soy oil, refined soybean oil; served by rail and truck. Soy oil products, cooking/salad oil; salad dressing. Soy oil (Industrial grade).

BAHRAIN

Delmon Poultry Company ★ *C*

P.O. Box 20535, Manama, BAHRAIN; PH: 0973/727690 or 631530; TLX: 9669 (DEPCO BN); FAX: 632426.

CONTACT: J. Halwachi, Gen. Mgr.

Animal/livestock feed.

BANGLADESH

Abul Khair Vegetable Oil Industries Ltd.

MAIN OFFICE: Dhaka Trunk Road, Pahartali, Chittagong, BANGLADESH; PH: 500248 or 502991.

Other Offices: 7/8, Nasirabad Industrial Area, Chittagong

CONTACT: Serajul Hoque, Accts. Officer

Abul Khair Vegetable Oil Industries Ltd. *R*

7/8, Nasirabad Industrial Area, G.P. Box 613, Chittagong, BANGLADESH; PH: 212095.

CONTACT: Serajul Hoque, Accts. Officer

Refining cap. 18MT/day; storage cap. 1,000MT; fully refined oil, hydrogenated oil; served by truck and ship. CONTACT:
Sales Office.

— All Listings Are Free Of Charge —
Please Contact Soyatech, Inc. for more information

M. Hocbbl Oil Mills (BD) Ltd. R
 233A 15 (Old) Dhanmondi Residential Area,
 Dhaka, BANGLADESH; PH: 311-209
 or 317-405.
CONTACT: Abdur R. Sarker, Secy.
 Refining cap. 30MT/day; crude degummed
 oil; served by truck.

BELGIUM

Alpro N.V. ★ SF
 Vlamingsstraat 28, Wevelgem 8610, West-Flan-
 ders, BELGIUM; PH: 056/432211; TLX: 86222
 (ALPRO B); FAX: 056/432299.
CONTACT: Philippe Vandemoortele, Man. Dir.
 Soyfoods, ALPRO, PROVAMEL and SUNSOY
 soymilk, drinks or beverages in 1 liter, 0.5
 liter and 0.25 liter sizes.

N.V. Cargill ★ C
 Affiliate of Cargill, Inc.
 Muisbroeklaan Kaai 506, Antwerp B-2030,
 BELGIUM; PH: 32/3/540-1811.
CONTACT: Pouwel Brouwer, Acct. Mgr.
 Solvent extraction; crush cap. 1,300MT/day;
 meal, crude oil; served by truck, rail, barge
 and ship.

De Hobbit SF
 Nüverheidslaan 9, Maldegem B-9990, BELGIUM;
 PH: 32/50/717020; FAX: 32/50/717212.
CONTACT: Eric Dewilde, Gen. Mgr.
 Simulated meat products (analogs) based on
 tempeh fermentation; soyfoods, tempeh.

Lucas Meyer N.V. ★ C R SF IP
 Affiliate of Lucas Meyer GmbH & Co., Hamburg
 Industrieterrein De Bruwaan, 5A, B-9700 Oude-
 naarde, BELGIUM; PH: 0032/55/317811; TLX:
 86138 (MEYER B); FAX: 0032/55/319264.
Other Offices: Decatur, IL; Chester, ENGLAND;
 S'Gravenhage, NETHERLANDS; Hamburg,
 FEDERAL REPUBLIC OF GERMANY; Vigonza,
 ITALY; Le Blanc Mesnil, Cedex, FRANCE; Bar-
 celona, SPAIN; Campinas, BRAZIL.
CONTACT: Marc Aelvout, Man. Dir.
 Animal/livestock feed. Edible soy oil pro-
 ducts; industrial oil products. TOPCITHIN, M-
 C-THIN, EMULFLUID, METARIN EMULPURE,
 EMULGUM, LECIMULTIN, EMULTHIN, EP-
 ICHOLIN, and EPIKURON lecithins (edible
 grade); SOYAMIN 70 soy concentrates;
 SOYAMIN 90 isolated soy protein;
 VEGAFOOM whipping soya protein;
 TEXTRATEIN textured soy protein; SOYAMIN

50 soy flour; SOYAPAN and NURUPAN full
 fat soy flours; NURULAT full fat soya pow-
 der; NURAFLAKES full fat soya flakes;
 SOYOCO full fat soya kernels; SOVITAL soya
 bran; NURUGRAN full fat soya grits. LIPOTIN
 and LIPOWET lecithin (industrial grade) for
 paints, varnishes, leather, magnetic tapes,
 coatings, inks and cosmetics; EMULMETIK
 modified soya phospholipids.

N.V. Ollefabriek Lichtervelde R
 St. Pietersvliet 3, Nordic Building, Antwer
 B-2000, BELGIUM; PH: 32/03/234-2700; TLX:
 31325 (SIBCI); FAX: 03/233-6644.
Other Offices: Lichtervelde, West-Vlaanderen,
 BELGIUM (Factory)
CONTACT: Coen van Wijk, Man. Dir.
 Storage cap. 800MT; industrial oil products;
 served by rail and truck.

Ollefabrieken Debeil N.V. ★ R
 Sint Jansstraat 122, Staden 8140, BELGIUM;
 PH: 32/51/701701; TLX: 046-81567
 (DEBEIL B).
CONTACT: Frederik Debeil, Man. Dir.
 Refining cap. 50MT/day; storage cap. 500MT;
 fully refined oil; served by truck. **CONTACT:**
 Guy Van Tongel, Comm. Dir.

Scaldiswerken Rulen N.V. ★ C
 Avelgemstraat 6, B-9690 Kluisbergen,
 BELGIUM; PH: 32/55/388412.
CONTACT: Albert Windels, Eng.
 Continuous screw press; crush cap. 20MT/
 day; storage cap. 1,000MT; animal/livestock
 feed, crude and fully refined oil; served by
 truck and barge. **CONTACT:** Maurice Windels.

N.V. Vamo Mills ★
 MAIN OFFICE: Prins Albertlaan 12, Izegem
 8700, BELGIUM; PH: 32/51/332211; TLX:
 81622 (VAMO B); FAX: 32/51/311965.
Other Offices: Ghent, BELGIUM; Merksem,
 BELGIUM
CONTACT: F. DeRoost, Gen. Mgr.

N.V. Vamo Mills ★ C SF IP
 Moervaartkaai, Ghent 9020, BELGIUM; PH:
 32/51/332211; TLX: 81622 (VAMO B); FAX:
 32/51/311965.
CONTACT: F. DeRoost, Gen. Mgr.
 Solvent extraction; crush cap. 3,300MT/day;
 storage cap. 60,000MT; crude degummed
 soybean oil, hulls, meal; served by barge,
 rail, ship and truck. **CONTACT:** K. Van der
 Heiden. Lecithin (edible grade), 200 kg
 drums, 1 ton bins & bulk; PROVABIS soy
 flour, defatted & debittered; PROVAMIX

Soybean Processors and Manufacturers of Soy-Based Products

(debittered) & PROVAFLOR (enzyme-active) full fat soy flour. CONTACT: Pieter Verburgh. Lecithin (Industrial grade), 200 kg drums, 1 ton bins & bulk, for milk-replacers, paints, leather, etc.; PROVASOY soy flour, defatted and full fat for specialty animal feeds and pharmaceutical fermentation. CONTACT: L. Plets.

N.V. Vamo Mills ★ C SF IP

Carrettestraat 27, Merksem 2060, BELGIUM; PH: 32/51/332211; TXL: 81622 (VAMO B); FAX: 32/51/311965.

CONTACT: F. DeRoost, Gen. Mgr. Solvent extraction; crush cap. 1,850MT/day; storage cap. 20,000MT; crude degummed soybean oil, hulls, meal; served by barge, rail, ship and truck. CONTACT: P. Benoit. Lecithin (edible grade), 200 kg drums, 1 ton bins & bulk. CONTACT: M. Heirman. Lecithin (Industrial grade), 200 kg drums, 1 ton bins & bulk, for milk-replacers, paints, leather, etc.

N. V. Vandemoortele ★ R SF

Prins Albertlaan 12, Izegem 8700, West-Vlaanderen, BELGIUM; PH: 51/332211; TXL: 81622 (VAMO B); FAX: 51/302218.

CONTACT: Jacques Rabaut, Gen. Mgr. Edible soy oil products, fractionated oil, hydrogenated soy oil, Industrial oil products, refined soybean oil; served by barge and truck. Soybean oil products, margarine; shortening; cooking/salad oil; salad dressing.

BOLIVIA

Industrias de Aceite S.A. ★ C R SF

Ballivian 262, P.O. Box 1759, Santa Cruz, BOLIVIA; PH: 591/033-47700; TXL: 42608 (IASA BV).

Solvent extraction; crush cap. 400MT/day; storage cap. 70,000MT; crude degummed soybean oil, crude soybean oil, meal; served by truck. Refining cap. 60MT/day; storage cap. 5,000MT; crude degummed soybean oil, edible soy oil products, fractionated oil, hydrogenated soy oil, refined soybean oil; served by rail and truck. Soybean oil products, margarine, cooking/salad oil.

Sociedad Aceitera del Oriente S.A. (SAO) C R

Parque Industrial PI-9, P.O. Box 1295, Santa Cruz, BOLIVIA; PH: 309/033-50888

or 033-50889; TXL: 4299 (SAO BV).

CONTACT: Roberto S. Bruno, Sales Mgr. Solvent extraction; crush cap. 180MT/day; storage cap. 42,000MT; meal, crude oil; served by truck and rail. Refining cap. 40MT/day; storage cap. 1,500MT; crude degummed oil, fully refined oil; served by truck and rail.

BRAZIL

Cargill Agrícola S.A. ★ C R

Rua Olavo Bilac 157, P.O. Box 9333, São Paulo 01000, S.P., BRAZIL; PH: 55/11/545-0211; TXL: 11/37764 (CARGB BR); FAX: 2464571.

CONTACT: Sergio Barrosa, Acct. Mgr. Solvent extraction; crush cap. 5,500MT/day; meal, hulls, crude oil, crude degummed oil; served by truck, rail and ship. Refining cap. 700MT/day; once refined oil; fully refined oil; served by truck, rail and ship.

Continental de Oleos Vegetais ★

Affiliate of Continental Grain Co., USA

SALES OFFICE: Avenida Reboucas 2492, São Paulo 05402, BRAZIL; PH: 55/11/280-8433; FAX: 55/11/280-8172.

CONTACT: Ricardo Pelucio, Mgr.

Cooperativa Central Agropecuária Campos Gerais Ltda. ★ C

Rodovia Ponta Grossa Palmeira, Km. 01, Ponta Grossa 84.045, Paraná, BRAZIL; PH: 55/0422-248166; TXL: 422/240-366; FAX: 0422/248028. CONTACT: Willem Boer, Financial/Admin. Mgr. Solvent extraction; crush cap. 600MT/day; storage cap. 808,309BU or 22,000MT; animal/livestock feed, crude degummed soybean oil, meal; served by rail and truck.

CONTACT: Francisco J. Klotz, Gen. Mgr.

Energe S.A. C R SF IP

Affiliate of Nutritional S.A.

BR 280, Km. 58, Guaramirim 89258, Santa Catarina, BRAZIL; PH: 55/0473/730355; TXL: 474497.

CONTACT: Luis Augusto de Mello Solvent extraction; crush cap. 200MT/day; storage cap. 10MT; meal; served by truck. Refining cap. 27MT/day; storage cap. 800MT; crude degummed oil; edible soy oil products; Industrial oil products; served by truck. Natural lecithin (edible grade); SOITEX-E, SOITEX-P, SOITEX IN60 soy flour for bakery and meat industries; PTS textured soy flour for use as meat extender; SOITEX-2095,

SOITEX 2145 full fat flour for milk and egg replacers and baked goods/confection; soyfoods, soy beverages; other soy-based foods, soy base for milkshakes; instant soup. **Lecithin (Industrial grade)** for general uses; soy flour/soy protein (Industrial grade) as an adhesive for the plywood industry.

FAROL S.A. Ind. Gaúcha de Farelos e Oleos C R

Av. Borges de Medeiros, 659, 12th Floor, Porto Alegre 90020, R. S., BRAZIL; PH: 55/512/217799; TLX: 515196 (FIGF BR); FAX: 55/512/272006.
CONTACT: Sergio Lindemann, Export Mgr. Solvent extraction; crude degummed soybean oil; served by ship. Crude degummed soybean oil.

Industria e Comercio de Oleos Vegetais S.A. (OLVEBRA) ★ C R

Rua Siqueira Campos, 1163, Porto Alegre 90 010, R.G. Sul, BRAZIL; PH: 055/512-251200; TLX: 055/51-1225; FAX: 0512/288639.
 Solvent extraction; crush cap. 2,500MT/day; storage cap. 107,000MT; crude degummed soybean oil, meal, white flakes for edible purposes; served by rail; **CONTACT:** Luiz A. Erhart. Refining cap. 450MT/day; storage cap. 5,200MT; crude degummed soybean oil; served by rail.

Industria Gaúcha de Farelos e Oleos S.A. (FAROL) C SF IP

Avenida Augusto F. Markus S/N, Entroncamento Rodo-Hidro-Ferrovio, Estrela 95880, R.S., BRAZIL; PH: 051/712-1188.
CONTACT: Sergio Lindemann, Export Mgr. Solvent extraction; crush cap. 2,500MT/day; storage cap. 140,000MT; meal, crude degummed oil; served by truck, barge and rail. **Lecithin (edible grade)**, bulk; simulated meat products (analogues); soy flour; soy grits. **Lecithin (Industrial grade)** for the paint industry; soy flour/soy protein (Industrial grade) for glue.

Industrias J. B. Duarte S.A. SF IP

MAIN OFFICE: Rua dos Patriotas, 1382, P.O. Box 1002, São Paulo 04207, S.P., BRAZIL; PH: 55/011/274-8211; TLX: 33172 or 21225 (IJBDBR).
Other Offices: Santo Anastácio, S.P.
CONTACT: Lian de Abreu Duarte, Comm. Dir. **Lecithin (edible grade)**; soy oil products, shortening; cooking/salad oil. **Lecithin (Industrial grade)** for general uses; soy oil (Industrial grade) for general uses.

Industrias J. B. Duarte S.A. C R SF IP

Rua XV de Novembro, 608, Santo Anastácio 19360, S.P., BRAZIL; PH: 182/61-1933; TLX: 182-305 (IJBDBR).
CONTACT: Archimedes J. Cortellazzi
 Solvent extraction; crush cap. 1,000/day; storage cap. 45,000MT; meal, animal/live-stock feed, crude oil, crude degummed oil; served by truck and rail. Storage cap. 6,000MT; crude degummed oil, once refined oil, fully refined oil, hydrogenated oil, edible soy oil products, Industrial oil products; served by truck and rail. **Lecithin (edible grade)**. **Lecithin (Industrial grade)**; soy oil (Industrial grade); soy sterols and tocopherols.

Nutritional S.A.

Indústria E Comércio de Alimentos, Av. Rui Barbosa, 1465, Caixa Postal, 171, São José dos Pinhais 83100, PR, BRAZIL; PH: 55/041/283-3344; TLX: 415493 (NUTR BR).
Other Offices: Guaramirim, Santa Catarina (Energe S.A., Plant)
CONTACT: William Tallmann, Food Tech.

Olivebra Industrial S.A. C

MAIN OFFICE: Rua Siqueira Campos, 1163, CEP 90010, Porto Alegre, R.S., BRAZIL; PH: 0532/257177; TLX: 0532/0125 (OLVE BR).
Other Offices: Guaíba, Lajeado, Santa Rosa, Pelotas, Rio Grande do Sul
CONTACT: Luis Borges, Sales Mgr. Solvent extraction; crush cap. 2,500MT/day; storage cap. 50,000MT; meals, hulls, crude oil, crude degummed oil; served by truck, rail and barge. **CONTACT:** Hans Hajo Grün.

Olivebra Industrial S.A. R SF

Estrada Federal, BR 116, Km. 287, Guaíba 925500, R.S., BRAZIL; PH: 0512/802999; TLX: 051/1934 (OLVE BR).
CONTACT: Luis Borges, Dir. Refining cap. 400MT/day; storage cap. 6,000MT; once refined oil, fully refined oil; served by truck. **CONTACT:** Joao E. Mendes de Castro. Soy concentrates; simulated meat products (analogues); full fat soy flour, textured; soy grits; soy oil products, cooking/salad oil; soyfoods, soymilk, drinks or beverages. **CONTACT:** Larry Faria, Jr.

Olivebra Industrial S.A. C

Avenida Benjamin Constant, 2939, Lajeado 95900, R.S., BRAZIL; PH: 051/714-3811 TLX: 051-2963 (OLVE BR).
CONTACT: Hans H. Grün, Comm. Dir. Solvent extraction; crush cap. 2,000MT/day;

Soybean Processors and Manufacturers of Soy-Based Products

storage cap. 90,000MT; meal, hulls, crude oil, crude degummed oil; served by truck.

Olivebra Industrial S.A. C

Rua Santa Cruz, 100, Santa Rosa 98900, R.S., BRAZIL; PH: 055/512-1833; TLX: 055-2404 (OLVE BR).

CONTACT: Hans H. Grun, Comm. Dir.
Solvent extraction; crush cap. 1,000MT/day; storage cap. 112,000MT; meal, hulls, crude oil, crude degummed oil; served by truck and rail.

SAMRIG S.A. ★ C SF IP

Conceição, 195, P.O. Box 614, Porto Alegre, R.S., BRAZIL; PH: 512/261922; TLX: 511233 (SAMRB BR); FAX: 512/261922.

Other Offices: Esteio, R.S. (mfg.); São Paulo, S.P. (office)

CONTACT: José Zilio, Dir.
Solvent extraction; crush cap. 2,000MT/day; storage cap. 130,000MT; crude degummed soybean oil, hulls, meal, white flakes for edible purposes; served by rail, ship and truck.
CONTACT: Norman Bischoff. **Lecithin (edible grade—25 types); soy concentrates (water extraction process, functional types); SAM-PROSOY 90 isolated soy proteins; PROSAM soy flour; MAXTEN textured soy flour; FIBERICH soy fiber; soy grits; soybean oil products, shortening; cooking/salad oil. TEXTROL lecithin (Industrial grade) for paints; soy flour (Industrial grade) for fermentation media.**

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CANADA

A.D.M. Agri-Industries, Ltd. ★ C R SF IP

Affiliate of Archer Daniels Midland Company
d/b/a Maple Leaf Monarch, 5550 Maplewood Drive, P.O. Box 7128, Windsor N9C 3Z1, Ontario, CANADA; PH: 519/972-2314; TLX: 06477887 (MLMON); FAX: 519/969-0414.
Other Offices: Little Rock, AK; Augusta, Valdosta, GA; Des Moines, IA; Frankfort, IN; Champaign, Decatur, Galesburg, Granite City, Taylorville, IL; Fredonia, KS; Mankato, MN; N. Kansas City, Mexico, MO; Clarksdale, MS; Fremont, Lincoln, NE; Fostoria, OH; Kershaw, SC; Spyck, GERMANY (ADM Oelmuehlen GmbH); Rotterdam, NETHERLANDS (A.D.M. Company

Europe); Europoort, NETHERLANDS (A.D.M. Europoort).

CONTACT: John D. McNamara, Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail and truck. Crude degummed soybean oil, edible soy oil products; served by rail and truck. Lecithin (edible grade); soybean oil products, margarine; shortening; cooking/salad oil; salad dressing. Lecithin (Industrial grade); soy sterols and tocopherols. **CONTACT:** Doug Miller.

Canada Packers Inc., Edible Oil Division ★ R SF

MAIN OFFICE: 30 Weston Road, Toronto M6N 3P4, Ontario, CANADA; PH: 416/761-4170; FAX: 416/761-4452.

Other Offices: Montreal, Quebec (mfg.); Wainwright, Alberta (mfg.)
CONTACT: Art Cyr, Vice Pres. & Gen Mgr.
Edible soy oil products, hydrogenated soy oil, Industrial oil products, refined soybean oil; served by rail, ship and truck. **CONTACT:** Doug Sparks, Plant Mgr. **Soy oil products, margarine (20 kg cubes to jumbo tank cars); shortening (20 kg cubes to jumbo tank cars); cooking/salad oil (36 liter pails to jumbo tank cars).**

Canada Packers, Inc. ★ R SF

1260 Mill Street, Montreal H3K 2B4, Quebec, CANADA; PH: 514/934-6595; TLX: 055-60601; FAX: 514/934-6596.

CONTACT: Jim Ritchie, Plant Mgr.
Edible soy oil products, hydrogenated soy oil, Industrial oil products, refined soybean oil; served by rail, ship and truck. Soybean oil products, margarine (20 kg cubes to jumbo tank cars); shortening (20 kg cubes to jumbo tank cars); cooking/salad oil (36 liter pails to jumbo tank cars).

Canada Packers Inc. ★ R SF

P.O. Box 636, Wainwright T0B 4P0, Alberta, CANADA; PH: 403/842-6154; TLX: 037-41603; FAX: 403/842-6154.

CONTACT: Brian Bochard, Western Reg. Mgr.
Edible soy oil products, hydrogenated soy oil, Industrial oil products, refined soybean oil; served by rail and truck. Soybean oil products, margarine; shortening; cooking/salad oil (all in tank trucks & tank cars).

Canadian Vegetable Oil Processing C

Division of Canada Packers, Inc.
515 Victoria Avenue at Burlington Street, P.O. Box 618, Hamilton L8N 3K7, Ontario, CANADA;

★ Updated Listing

Alphabetical By Country

C=Soybean Processor (Crusher)

R=Soybean Oil Refiner

SF=Edible Soy Products/Foods

IP=Industrial Soy Products

PH: 416/527-9121; TLX: 0618315

(CVOP HAM).

CONTACT: Anton Donckers, Gen. Mgr.

Solvent extraction, crush cap. 1,200MT/day; soy meal, hulls, crude degummed oil; served by truck, rail and ship. CONTACT:

P. G. Glenney.

Champlain Industries Ltd. SF

176 Principal Road, Stanbridge Station, Quebec, CANADA; PH: 514/248-3376.

CONTACT: Len Holubowich

Hydrolyzed vegetable protein.

CSP Foods Ltd. ★ C R SF

35 - 10th Avenue, N.W., P.O. Box 750, Altona

R0G 0B0, Manitoba, CANADA; PH:

204/324-6481; FAX: 204/324-5995.

CONTACT: Norman Buhr, Location Gen. Mgr.

Solvent extraction; crush cap. 800MT/day; crude soybean oil, meal; served by rail and truck. Refining cap. 300MT/day (RBW) & 150MT/day (deod.); crude degummed soybean oil, edible soy oil products, refined soybean oil; served by truck and rail. Soybean oil products, cooking/salad oil.

Grove Country Foods

Canada, Inc. SF

313-500 Danforth Avenue, Suite 313, Toronto

M4K 1P6, Ontario, CANADA; PH:

416/778-0007; FAX: 416/465-9560.

Other Offices: Ridgeway, Ontario

CONTACT: James Patterson, Pres.

Soyfoods, whole soybean snacks (soynuts).

La Soyarie, Inc. ★ SF

94 Adrien Robert, Hull J8Y 3S2, Quebec,

CANADA; PH: 819/777-6716.

CONTACT: Koichi Watanabe, Pres.

Soyfoods, LA SOYARIE tofu & tofuburgers; soynuts (whole soybean snacks).

Nature's Path Foods Inc. SF

170 - 2540 Simpson Road, Richmond V6X 2P9,

B.C., CANADA; PH: 604/278-2923; FAX:

604/278-0835.

CONTACT: Arran Stephens, Pres.

Other soy-based foods, NATURE'S PATH, NATURE'S Patties original and B.B.Q.

Pokonobe Industries Inc. ★ C R SF

CP 814, Snowdon, Montreal H3X 3X9, Quebec,

CANADA; PH: 514/737-4099; TLX: 055-61944

(MO BOT); FAX: 514/738-7084.

Other Offices: Santa Monica, CA;

New York, NY

CONTACT: David Nagley, Gen. Mgr.

Continuous screw press, hydraulic press; crude degummed soybean oil, crude soybean oil; served by rail, ship and truck. Crude degummed soybean oil, edible soy oil products, refined soybean oil; served by rail, ship and truck. Soybean oil products, cooking/salad oil (expeller-pressed only).

Victory Soya Mills Ltd. C R SF IP

Division of Central Soya Co.

333 Lake Shore Blvd., Ea., Toronto M5A 1C2,

Ontario, CANADA; PH: 416/363-8771; TLX:

06-219812 (VICSOYMIL); FAX: 416/864-3113.

CONTACT: Rick Watson, Mgr.,

Commodity Oper.

Solvent extraction; crush cap. 1,500MT/day; meal, hulls, crude degummed oil; served by truck, rail and ship. Crude degummed oil, once refined oil; served by truck, rail, barge and ship. Lecithin (edible grade); VEELINE soy flour. Lecithin (Industrial grade); soy flour/soy protein (Industrial grade); soy oil (Industrial grade) for alkaloid resin, paint and plastics industries.

CHILE

Watt's Alimentos S.A. ★ R SF IP

Affiliate of Vina Santa Carolina S.A.

Presidente Jorge Alessandri R. 10501, Casilla

14271, Correo 21, Santiago, CHILE; PH:

56/2/558-3625; TLX: 240029 (WATT'S CL);

FAX: 56/2/558-2422..

Other Offices: Santiago (Industria Nacional de Alimentos Ltda.)

CONTACT: Luis Araya, Gen. Mgr.

Refining cap. 100MT/day; storage cap. 12,000MT; edible soy oil products, hydrogenated soy oil, refined soybean oil; served by ship and truck. Soybean oil products, SURENA, DANESA, SUPERIOR, REINA margarine; CRUZTECA, CRUCINA, PAMPERO shortening; SUPERIOR, BELMONT, REINA cooking/salad oil. CONTACT: Sergio Sepulveda. Refined soy oil (Industrial grade) for alkaloid resins.

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COLOMBIA

Aceites del Caribe S.A. C SF

Affiliate of Lloredo Grasas S.A.

Via 40 Calle 87, Apartado Aereo 2333, Barranquilla, COLOMBIA; PH: 340010; TLX: 033367 (ADCA CO).

CONTACT: Hugo P. Romero, Comm. Mgr.
Solvent extraction; meal, crude oil, crude degummed oil; served by truck. Lecithin (edible grade).

COGRA Lever S.A. R SF IP

Calle 13 No. 45-46, Apartado 4329, Bogotá, D.E., COLOMBIA; PH: 57/268-7766; TLX: 041445; FAX: 269-2186.

CONTACT: Carlos Eduardo Calderón, Oils & Seeds Purchasing Mgr.

Refining cap. 300MT/day; storage cap. 3,000MT; edible soy oil products, industrial oil products. Soybean oil products, margarine for commercial use; shortening made with a mixture of oils; soy oil for mayonnaise. Soy oil (industrial grade).

Grasas S.A. ★ C R SF IP

Calle 11 #18-113, Buga AA 85, Valle, COLOMBIA; PH: 57/931-72021; TLX: 0-05866; FAX: 57/931-74618.

CONTACT: Alberto Hadad Lemos, Pres.
Solvent extraction; crush cap. 260MT/day; storage cap. 27,000MT; meal; served by truck. Refining cap. 100MT/day; storage cap. 1,200MT; edible soy oil products; served by truck. LECITINA lecithin (edible grade); CARNAVIT simulated meat products (analogs). Lecithin (industrial grade); ADHESoya soy flour/soy protein (industrial grade).

Grasas Vegetales S.A.

(GRAVETAL) ★ C R SF IP

Cra. 28, No. 37-79, Apartado Aereo 80617, Sabaneká, Antioquia, COLOMBIA; PH: 57/4/288-0711; TLX: 66797 (GVTAL CO).

CONTACT: Carlos A. Jeramillo, Plant Mgr.
Solvent extraction; crush cap. 300MT/day; storage cap. 4,000MT; meal; served by truck and rail. Refining cap. 140MT/day; storage cap. 2,000MT; crude degummed oil, fully refined oil, hydrogenated oil, fractionated oil, edible soy oil products; served by truck and rail. Lecithin (edible grade); soybean oil products, margarine; shortening; cooking/salad oil. Lecithin (industrial grade); soy oil (industrial grade); soybean fatty acids.

Lloreda Grasas S.A.

MAIN OFFICE: Autopista Cali-Yumbo, Km. 3, Apartado Aereo 1288, AA1288 Cali, COLOMBIA; PH: 645043; TLX: 055711 (LLOGR CO).

Other Offices: Barranquilla, COLUMBIA
CONTACT: Hugo P. Romero, Comm. Mgr.

COSTA RICA

Compania Numar S.A. ★ SF

Av. 12, C20-24, Apartado 3657, San Jose 1000, COSTA RICA; PH: 239666; TLX: 2185 (NUMAR CR).

CONTACT: John O. Knohr, Gen. Mgr.
Soybean oil products, NUMAR margarine (125 grs. bars); CLOVER cooking/salad oil (1 liter, PVC containers); mayonnaise; salad dressing; other soy-based foods, sandwich spreads (4, 8, 16 and 32 oz. glass jars). **CONTACT:** Saverio A. Carriero.

Productora Costarricense de Alimentos SF

Tirrases-Curridabat, Apartado Postal 8-5780, San Jose 1000, COSTA RICA; PH: 542770 or 542398.

CONTACT: Eugenio Valenciano, Plant Mgr.
Full fat soy flour; soyfoods, soymilk, drinks or beverages; other soy-based foods.

DENMARK

Aarhus Oliefabrik A/S ★ C R SF

M.P. Bruunsgade 27, P.O. Box 50, 8100 Aarhus C, DENMARK; PH: 45/86/126000.

CONTACT: Nis Petersen, Deputy Dir.
Solvent extraction; crush cap. 200MT/day; storage cap. 20,000MT; white flakes for edible purposes; served by ship and truck. Refining cap. 50MT/day; storage cap. 500MT; edible soy oil products, refined soybean oil; served by ship and truck. Lecithin (edible grade); soy concentrates; soy fiber; soy grits; soyfoods, soymilk, drinks or beverages.

★ Updated Listing

Alphabetical By Country

C=Soybean Processor (Crusher)

R=Soybean Oil Refiner

SF=Edible Soy Products/Foods

IP=Industrial Soy Products

DS Industries ApS R SF IP

Affiliate of East Asiatic Company
Islands Brygge 24, Copenhagen DK-2300 S,
DENMARK; PH: 45/1-546600; TLX: 31313
(DASOY DK); FAX: 45/157-7657.

CONTACT: Mogens Kjaer, Gen. Mgr.

Hydrogenated soy oil, industrial oil products; served by rail and truck. Lecithin (edible grade); soy oil products, cooking/salad oil. CONTACT: J. U. Haxthausen. Soy oil (industrial grade); soybean fatty acids.

CONTACT: Kim Danielsen.

DOMINICAN REPUBLIC

Industrias Lavador C. Por A. ★ R SF

Av. San Martin 122, P.O. Box 761, Santo Domingo, DOMINICAN REPUBLIC; PH: 809/565-7333 or 565-7334; FAX: 809/566-8544. CONTACT: Jose Vitiñes, Pres.

Refining cap. 100MT/day; edible soy oil products, hydrogenated soy oil, refined soybean oil; served by barge, ship and truck. Soybean oil products, AMAPOLA margarine; LA CRI-OLLA, MANTECAL shortening; DIAMANTE, CAMPANA cooking/salad oil.

Productora Nacional de Alimentos Balanceados S.A. ★ C R SF

Av. San Martin 124, P.O. Box 1383, Santo Domingo, DOMINICAN REPUBLIC; PH: 809/567-5725 or 565-2136; FAX: 809/566-8544. CONTACT: Mario J. Cabrera, Pres.

Continuous screw press; solvent extraction; storage cap. 15,000MT; animal/livestock feed, crude degummed soybean oil, hulls, meal; served by barge, ship and truck. Refining cap. 110MT/day; once refined oil, fully refined oil, hydrogenated oil; edible soy oil products; served by truck, barge and ship. Soy oil products, margarine; shortening; cooking/salad oil.

ECUADOR

Fabrica de Aceites la

Favorita S. A. ★ C R SF IP

P. O. Box 486, Guayaquil, ECUADOR; PH: 593/4/402840; TLX: 043174 (JARITA ED); FAX: 593/4/444453.

CONTACT: Xavier Vallarino, Pres.

Solvent extraction; crush cap. 200MT/day; crude degummed soybean oil, meal; served by ship and truck. Refining cap. 150MT/day; storage cap. 5,000MT; edible soy oil products, fractionated oil, hydrogenated soy oil, industrial oil products, refined soybean oil; served by ship and truck. Soy oil products, BONELLA, DORINA margarine; PORKY shortening; LA FAVORITA cooking/salad oil. Soy oil (industrial grade).

Oleica S.A. C R SF

1/2, Via a Daule, Km. 6, P.O. Box 3228, Guayaquil, ECUADOR; PH: 351300 or 351877; TLX: 3214 (OLJACE ED).

CONTACT: Luis Piana, Mgr.

Solvent extraction; crush cap. 200MT/day; storage cap. 12,000MT; animal/livestock feed, crude oil; served by truck. Refining cap. 150MT/day; storage cap. 9,000MT; fractionated oil, edible soy oil products, fully refined oil, hydrogenated oil; served by truck. Soy oil products, margarine; shortening; cooking/salad oil; salad dressing.

Primeros Hidrogenadores de Aceites y Grasas

Ecuadorianos S.A. ★ C R SF

Km. 16.5 Via Daule, P.O. Box 6387; Guayaquil, Guayas, ECUADOR; PH: 593/4/251555; TLX: 35-6; FAX: 593/4/252814.

CONTACT: Gilberto Burbano, Gerente Gen.

Solvent extraction; crush cap. 100MT/day; storage cap. 5,000MT; crude degummed soybean oil, meal; served by rail. Refining cap. 120MT/day; storage cap. 10,000MT; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil; served by rail. Soybean oil products, ESPECIAL margarine; UNICA shortening; UNICA cooking/salad oil.

EGYPT

The Egyptian National Vegetable Oils Extraction

Corp. (ENVOCO) ★ C R SF

West Noubariah Canal, El Metrass, Wardian, P.O. Box 1984, Alexandria 21519, EGYPT; PH: 03/445-5819 or 446-2910; TLX: 54214 (MGM UN); FAX: 03/445-3373.

Other Offices: Cairo, EGYPT

CONTACT: Charles M. Malak, Vice Pres., Production

Solvent extraction; crush cap. 300MT/day;

Soybean Processors and Manufacturers of Soy-Based Products

storage cap. 24,000MT; hulls, meal; served by truck and barge. Refining cap. 80MT/day; storage cap. 5,000MT; edible soy oil products, refined soybean oil; served by truck and barge. Soybean oil products, DAHAB, SHOROUK, SHEREEN, SIHHA cooking/salad oil.

Mobarak & Company ★ C R

Gesr El-Girgawiya El-Gharbi Street, P.O. Box 23, Sohag, EGYPT; PH: 02/093-322116 or 323118; TLX: 24201 (MOBRK UN).

CONTACT: Bahaa Mobarak

Hydraulic press; crush cap. 100MT/day; storage cap. 10,000MT; meal; served by truck. Refining cap. 18MT/day; storage cap. 600MT; crude oil, crude degummed oil, hydrogenated oil; served by truck.

ENGLAND

Samuel Banner & Company Ltd. R SF

59/61 Sandhills Lane, Liverpool L59XL, ENGLAND; PH: 010/051/922-7871; TLX: 627025 (BANNER G); FAX: 051/922-0407.

Other Offices: Fleet, Hampshire, ENGLAND

CONTACT: Colin J. Newman, Dir.

Refining cap. 240MT/day; storage cap. 3,000MT; crude degummed oil, once refined oil, fully refined oil, hydrogenated oil; served by truck, barge and ship. Soy oil products, cooking/salad oil.

BEOCO Limited R

Regent Road, Bootle, P.O. Box 26, Merseyside, Liverpool L20 1EH, ENGLAND; PH: 051/922-7272; TLX: 629339 (EDOILS G); FAX: 051/933-4165.

CONTACT: Mark Bennett, Comm. Dir.

Fully refined oil, hydrogenated oil; served by truck and ship.

Berrydales Ltd. ★ SF

5 Lawn Road, London NW3 2X5, ENGLAND; PH: 44/71/722-2866; TLX: 264671 (MALMUS); FAX: 44/71/722-7685.

CONTACT: Michelle Berriedale-Johnson, Dir.

Soyfoods, BERRYDALES fresh tofu and soymilk frozen desserts.

BOCM Silcock Ltd. ★ C R IP

Basing View, Basingstoke RG21 2EQ, Hampshire, ENGLAND; PH: 44/02/562-9211; TLX: 858429 (BSHO G).

Other Offices: Selby, Yorkshire (Plant)

CONTACT: David Lewin, Gen. Mgr.

Solvent extraction; crush cap. 400MT/day; storage cap. 2,000MT; meal, animal/livestock feed, crude oil; served by truck, rail and barge. Refining cap. 70MT/day; storage cap. 1,000MT; once refined oil, Industrial oil products; served by truck, rail and barge. SUPER-SOY soy protein (Industrial grade) as animal feed ingredient; soy oil (Industrial grade) for resin manufacture.

The British Arkady Co. Ltd. ★ SF

Skerton Road, Old Trafford, Manchester M16 0NJ, ENGLAND; PH: 061/872-7161;

TLX: 668488; FAX: 061/873-8083.

CONTACT: Ronald M. Kirk, Sales Dir.

YELKIN lecithin (edible grade); ARCON soy concentrates; ARDEX isolated soy proteins; simulated meat products (analogues), Textured Vegetable Protein; ARKASOY soy flour, TVP textured soy flour, HISOY DOSOY full fat soy flour; soy fiber; soy grits; soyfoods, other soy-based foods (vegetarian foods, bakery ingredients).

Cargill UK Ltd. ★ C R

No. 2 Gladstone Dock, Bootle, L201BG Liverpool, Merseyside, ENGLAND; PH: 44/51/933-0624.

CONTACT: Terry Savidge

Solvent extraction; crush cap. 2,400MT/day; meal, hulls, crude oil, crude degummed oil; served by truck. Refining cap. 360MT/day; fully refined oil; served by truck.

Cherwell Valley Silos Ltd. ★ IP

Twyford, Banbury OX17 3AA, Oxfordshire, ENGLAND; PH: 044/0295-811441; TLX: 83477 (CVS BAN); FAX: 0295/811228.

Other Offices: Dieppe, FRANCE (Cherwell Ralli)

CONTACT: James Hoy, Sales Mgr.

SOYJOY MAXIM soy flour/soy protein (Industrial grade), full fat for animal feed.

Full of Beans SF

96-97 High Street, Lewes BN7 1XH, East Sussex, ENGLAND; PH: 44/0273/472627.

CONTACT: John G. Gosling, Man. Dir.

Soyfoods, frozen desserts; tamar, shoyu soy sauces; tempeh; tofu; miso, soyabean and rice; other soy-based foods, soya ices; soya paté. CONTACT: Sara Gosling.

GMB Proteins Ltd. ★ SF

Affiliate of Bush Boake Allen Ltd. Blackhorse Lane, Walthamstow, London E17 5QP, ENGLAND; PH: 01/531-4211; TLX:

★ Updated Listing
Alphabetical By Country

C=Soybean Processor (Crusher)
R=Soybean Oil Refiner

SF=Edible Soy Products/Foods
IP=Industrial Soy Products

897808 (BBAWAL G); FAX: 01/531-4890.
CONTACT: Geoffrey F. Titchener, Tech.
Sales Mgr.

BONTRAE simulated meat products (analogues—meat-flavored, steam-textured soy proteins); BONTRAE textured soy flour (steam-textured soy proteins).

Haldane Foods Ltd. ★ SF

Hayhill Industrial Estate, Unit 25, Sibley Road, Barrow upon Soar, Leicestershire LE12 8LD, ENGLAND; PH: 050/981/6611; TLX: 342709 (HERAVN).

CONTACT: Brian Wellsby
Soyfoods, SOJAL soymilk; SOJAL frozen desserts; TOFEATA tofu; other soy-based foods, HERA meat alternatives (freeze-dried); TOFEATA tofu burgers; YOGA soy-based yogurt; HERA soup mixes.

Lucas Ingredients Ltd. ★ SF

Affiliate of Dalgety PLC
Moravian Road, Kingswood, Bristol BS15 2NG, Avon, ENGLAND; PH: 44/0272-674681; TLX: 449825; FAX: 0272/605409.

CONTACT: Paul Potter, Export Mgr.
NEWPRO soy concentrates; simulated meat products (analogue); SOLUS textured soya protein; soy grits; soyfoods, other soy-based foods, special mixes for the baking & meat industry; all vegetable food items.

Lucas Meyer (UK) Ltd. ★ C R SF IP

Affiliate of Lucas Meyer GmbH & Co., Hamburg
42 City Road, Chester CH1 3AE, ENGLAND; PH: 0044/244/48447; TLX: 051/1/61616 (LMUKL G); FAX: 0044/244-46988.

Other Offices: Decatur, IL; Hamburg, FEDERAL REPUBLIC OF GERMANY; S'Gravenhage, NETHERLANDS; Oudenaarde, BELGIUM; Vigonza, ITALY; Le Blanc Mesnil, Cedex, FRANCE; Barcelona, SPAIN; Campinas, BRAZIL.

CONTACT: Mike Preston, Man. Dir.
Animal/livestock feed. Edible soy oil products; Industrial oil products. TOPCITHIN, M-C-THIN, EMULFLUID, METARIN EMULPURE, EMULGUM, LECIMULTIN, EMULTHIN, EP-ICHOLIN, and EPIKURON lecithins (edible grade); SOYAMIN 70 soy concentrates; SOYAMIN 90 isolated soy protein; VEGAFOOM whipping soya protein; TEXTATEIN textured soy protein; SOYAMIN 50 soy flour; SOYAPAN and NURUPAN full fat soy flours; NURULAT full fat soya powder; NURAFILAKES full fat soya flakes; SOYOCO full fat soya kernels; SOVITAL soya bran; NURUGRAN full fat soya grits. LIPOTIN and LIPOWET lecithin (Industrial grade) for

paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids.

S. D. Matthews Limited SF

The Healey Complex, Healey Road, Osset WF5 8 NE, West Yorkshire, ENGLAND; PH: 0924/272534; TLX: 55483 (MATGRP); FAX: 0924/277071.

CONTACT: Alan West, Trading Dir.
Soybean oil products, St. LUKE'S margarine; PARK LANE shortening.

Procter & Gamble Ltd. ★ SF IP

Procter & Gamble Inc.
Hayesgate House, Uxbridge Road, P.O. Box 9, Hayes UB4 0SD, Middlesex, ENGLAND; PH: 01/848-9671; TLX: 936310; FAX: 01/848-9671.
CONTACT: Murray King, Sales Mgr.
Soybean oil products, shortening; cooking/salad oil. Soybean fatty acids. CONTACT: Ian Edwards.

SPP Cambridge ★ SF

Station Road, Cambridge CB1 2JN, ENGLAND; PH: 44/223/460666; TLX: 81352 (SPP G); FAX: 44/223/352012.

CONTACT: Roger Woodfield, Mktg. Dir.
TRUSOY and BREDSOY full fat soy flour; TRUGRAN soy grits; other soy-based foods, bakery improvers.

Van Den Berghs & Jurgens Ltd. C SF

Affiliate of Unilever Ltd.
Sussex House, Burgess Hill, Civic Way, West Sussex RH15 9AW, ENGLAND; PH: 044/46300.
Other Offices: Bromborough, Purfleet (Plant)
CONTACT: B. P. Backlog, Oils & Fats Mgr.
Fully refined oil; hydrogenated oil, edible soy oil products; served by truck, rail, barge and ship. Soy oil products, margarine; shortening; cooking/salad oil.

FINLAND

Olijnpuristamo Oy ★ C SF IP

Niittaajankatu 1, P.O. Box 15, Helsinki SF-00811, FINLAND; PH: 358/0/780-155; TLX: 121518 (OILML SF); FAX: 358/0/755-6441.

CONTACT: Pentti Karri, Mktg. Dir.
Continuous screw press, solvent extraction; crush cap. 500MT/day; storage cap. 10,000MT; crude super degummed soybean oil, crude soybean oil, meal and flour; served

by barge, rail, ship and truck. Lecithin (edible grade), OPEX soy flour (bulk and bags); soybean oil products, cooking/salad oil (cans, plastics, tins). Lecithin (Industrial grade) for paints, etc.

Raisio Tehtaat Oy Ab C R SF IP

P.O. Box 101, Raisio SF-21201, FINLAND;
PH: 385/21/792-111; TLX: 62236 (RATE SF);
FAX: 358/21/792-664.

CONTACT: Heikki Siintola, Gen. Mgr.,
Int'l. Oper.

Continuous screw press, solvent extraction; crush cap. 500MT/day; storage cap. 8000MT; animal/livestock feed, crude degummed soybean oil, meal; served by rail, ship and truck. Refining cap. 85MT/day; crude degummed soybean oil, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail, ship and truck. CONTACT: Olli Siika-aho. **Soybean oil products, margarine; shortening; cooking/salad oil; salad dressing. CONTACT:** Folke Gustafsson. **Soy oil (Industrial grade); soybean fatty acids. CONTACT:** Jan-Erik Johansson.

Tuottajain Ryysli Oy ★ C

Mikkolantie 1, P.O. Box 1, Helsinki 00641, FINLAND; PH: 358/0/7291; TLX: 124660 (HJAHE SF); FAX: 358/0/729-2612.

Other Offices: Kouvola, FINLAND (Mfg.)

CONTACT: Erkki Franssila, Man. Dir.

Continuous screw press; crush cap. 150MT/day; storage cap. 100MT; animal/livestock feed, crude soybean oil; served by truck.

FRANCE

ALIDOC SF

Affiliate of Cooperative Occitane
Z. I. Rue Denis Papin, Saint Antoine, Saint-Juery 81160, FRANCE; PH: 63/453522;
TLX: 531051 (COOCITA).

CONTACT: Yvon Matha
Full fat soy flour.

CACOJA ★ C SF

8 Route de Merxheim, Issenheim 68500, FRANCE; PH: 33/8974-5353; TLX: 881-719 (BISOJA); FAX: 8976-6280.

CONTACT: Hervé Chartron, Sales Mgr.
Crush cap. 2,000MT/day; hulls. ULTRA-FILTERED soy concentrates soymilk; soy fiber; soybean oil products, FORMOSA-LINES salad dressing; soyfoods, soymilk, drinks or

beverages; soy sauce; tofu & tofu products; soynuts (whole soybean snacks); other soy-based foods, SOY-NILCU chocolate soy ice.

Cherwell Ralli Europe ★ C SF

Affiliate of Cherwell Valley Silos, U.K.

Z.I. Rouxmesnil-Bouteilles, P.O. Box 147, Dieppe 76204, FRANCE; PH: 33/35/82-7285; TLX: 180655 (CHERLI D); FAX: 33/35/84-3048.
SOYJOY full fat soy flour (for cattle feed).

Compagnie Cargill S.A. ★

Affiliate of Cargill, Inc. Minneapolis, MN

MAIN OFFICE: 18-20 Rue des Gaudines, St. Germain en Laye 78100, FRANCE; PH: 33/1/3973-6611; TLX: 696828 (GRANA F).

Other Offices: Brest, St. Nazaire (Plants)

CONTACT: J. L. Lapix, Gen. Mgr.

Compagnie Cargill S.A. ★ C

Rue de Yokosuka, Brest 29200, FRANCE;

PH: 33/9880-2609; TLX: 940238 (SF BREST).

CONTACT: Juan Recasens, Dpty. Acct. Mgr.

Solvent extraction; crush cap. 1,800MT/day; storage cap. 35,000MT; meal, crude degummed oil; served by truck, rail and ship.

Compagnie Cargill S.A. ★ C

Blvd. Lefevre, St. Nazaire 4460, FRANCE; PH: 33/4066-5266; TLX: 700941 (SOJA FRAN).

CONTACT: Juan Recasens, Dpty. Acct. Mgr.

Solvent extraction; crush cap. 1,600MT/day; storage cap. 60,000MT; meal, hulls, crude degummed oil; served by truck, rail and ship.

P. Dumortier Freres R SF

105 Rue de Rotterdam, BP 120, Tourcoing 59202, NDRD, FRANCE; PH: 20/266100; TLX: 810075 or 131162; FAX: 20/362278.

CONTACT: Guy-Noël Dumortier, Pres.

Refining cap. 175MT/day; storage cap. 2,000MT; edible soy oil products, refined soybean oil; served by truck. Soybean oil products, RIO, PRIOR, MAYOR margarine; MAYOR, PRIOR salad dressing.

LIMA France ★ SF

Affiliate of LIMA Belgium

Le Moulin d'Andiran, Mezin 47170, FRANCE; PH: 33/6171/22046; TLX: 541137.

CONTACT: Mr. Stevens, Sales Mgr.
Soyfoods, misc.

Lucas Meyer

France S.A. ★ C R SF IP

Affiliate of Lucas Meyer GmbH & Co., Hamburg
Centre d' Affaires Paris Nord le Continental,

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F-93153 Le Blanc Mesnil, Cedex, FRANCE; PH: 0033/1/44591-2300; TLX: 233966 (MEYER FR); FAX: 0033/1/4591-19030.

Other Offices: Decatur, IL; Chester, ENGLAND; S'Gravenhage, NETHERLANDS; Oude-naarde, BELGIUM; Vigonza, ITALY; Hamburg, FEDERAL REPUBLIC OF GERMANY; Barcelona, SPAIN; Campinas, BRAZIL.

CONTACT: Pierre Lebourd, Man. Dir.

Animal/livestock feed. Edible soy oil products; industrial oil products. TOPCITHIN, M-C-THIN, EMULFLUID, METARIN EMULPURE, EMULGUM, LECIMULTIN, EMULTHIN, EPICHOIN, and EPIKURON lecithins (edible grade); SOYAMIN 70 soy concentrates; SOYAMIN 90 isolated soy protein; VEGAFOOM whipping soya protein; TEXTRATEIN textured soy protein; SOYAMIN 50 soy flour; SOYAPAN and NURUPAN full fat soy flours; NURULAT full fat soya powder; NURAFLAKES full fat soya flakes; SOYOCO full fat soya kernels; SOVITAL soya bran; NURUGRAN full fat soya grits. LIPOTIN and LIPOWET lecithin (industrial grade) for paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids.

MAHO Distribution SF

Affiliate of Aixagri

18 Square Les Oliviers, Coudoux 13.111, FRANCE; PH: 42/52-0944; TLX: 420501 (AIXAGRI).

CONTACT: Pierre Maitre, Gen. Mgr.
TOFU 'KISS.

Societe Industrielle des

Oleagineux (SIO) ★ R SF IP

Affiliate of British Arkady (A.D.M. Group)

MAIN OFFICE: 62/70 Rue Ivan Tourgueneff, Bougival 78380, FRANCE; PH: 1/39/69-7070; TLX: 689413 (SOLEAG).

Other Offices: Saint-Laurent-Blangy, FRANCE (mfg.)

CONTACT: Guy Deneck, Protein Mgr.

Edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by truck. LECSIO lecithin (edible grade); TVP-2 soy concentrates; ARDEX isolated soy proteins; PROTISOYA soy flour; TVP-1 textured soy flour; SOYASOL, PERSOYA, FCBS full fat soy flour; soy fiber; DYNASOYA soy grits; soybean oil products, shortening; other soy-based foods, BOULANGE (bread mix); NUTRISIO (dietetic). Lecithin (industrial grade); SOYOPTIM soy flour/soy protein (industrial grade); PERSOYA full fat soy flour/soy protein;

SOYASSIM soy flour/soy protein for calf-milk replacers.

Societe Industrielle des

Oleagineux (SIO) C R SF IP

10-12 Rue du General de Gaulle, Saint-Laurent-Blangy 62223, FRANCE; PH: 2159-9800; TLX: 820580 (SIO).

CONTACT: Guy Deneck

Meal, hulls, animal/livestock feed; served by truck, rail and barge. Fully refined oil, hydrogenated oil; served by truck, rail and barge. Lecithin (edible grade); simulated meat products (analogs); soy flour; soy grits; soy oil products, shortening; other soy-based foods, bread mix. Lecithin (industrial grade); soy flour/soy protein (industrial grade); soy oil (industrial grade).

Société Soy ★ SF

1, Rue du Crêt de la Perdrix, St. Chamond 42400, FRANCE; PH: 33/16/7731-2366; TLX: 307072; FAX: 33/16/7731-4270.

CONTACT: Jean de Preneuf
Soyfoods, CROQUE tofu.

SOJADOC ★ SF

Affiliate of Cooperative Occitane

Zone Industrielle La Viscose, Albi 81000, FRANCE; PH: 33/63/454645.

CONTACT: Jacques Isnard

Soyfoods, TONYU soymilk, drinks or beverages; tofu, soft, medium or firm (vacuum packed, 200g, 400g or 3,500g); other soy-based foods, LOW FAT delicatessen seafood and tofu pies (low fat pastry).

GERMANY, FEDERAL REPUBLIC OF (WEST GERMANY)

A.D.M. Oelmuehlen GmbH ★ C

Affiliate of Archer Daniels Midland Company
Oelwerke Spyck, D-4190 Spyck Post Kleeve, Postfach 128, Spyck, FEDERAL REPUBLIC OF GERMANY; PH: 49/28/21-9041; TLX: 811817 (SPYCK D); FAX: 49/28/21-9046.

Other Offices: Little Rock, AK; Augusta, Valdosta, GA; Des Moines, IA; Frankfort, IN; Champaign, Decatur, Galesburg, Granite City, Taylorville, IL; Fredonia, KS; Mankato, MN; N. Kansas City, Mexico, MO; Clarksdale, MS; Fremont, Lincoln, NE; Fostoria, OH; Kershaw, SC; Windsor, Ontario, CANADA (ADM Agri-Industries, Ltd. d/b/a/ Maple Leaf Monarch); Rotterdam,

NETHERLANDS (A.D.M. Company Europe); Europoort, NETHERLANDS (A.D.M. Europoort).

CONTACT: Albert Aue, Mgr.

Solvent extraction; crude soybean oil, meal; served by barge.

A.D.M. Oelwerke Spyck ★ C

Affiliate of Archer Daniels Midland Co.
Post Kleve, Postfach 128, D-4190 Spyck,
FEDERAL REPUBLIC OF GERMANY; PH:
49/2821-9950; FAX: 49/2821-995150.

CONTACT: Mr. Nefzger, Plant Mgr.

Solvent extraction; meal; crude and crude degummed oil; served by truck and barge.

Akzo Chemicals ★ R SF IP

Industriestrasse 10, P.O. Box 1520, D-4240
Emmerich/Rhein, FEDERAL REPUBLIC OF
GERMANY; PH: 49/02822-74341; TLX:
8125212 (NVL D); FAX: 49/02822-74203.

CONTACT: F. Kielman, Sales Mgr.

Fully refined oil, edible soy oil products; served by truck, rail and barge. Soy oil products, cooking/salad oil; salad dressing. Soy oil (Industrial grade), soy standolls, blown and boiled soy oils for resins, paints and varnishes; soy sterols & tocopherols; soybean fatty acids.

Breuer Food Agency ★ SF

Talstraße 19, D-6242 Kronberg/Taunus,
FEDERAL REPUBLIC OF GERMANY; PH:
49/6173-79706; FAX: 49/6173-2243.

CONTACT: Georg Breuer, Owner

Soy concentrates; simulated meat products (analogs); soy flour; textured soy flour; full fat soy flour; soy fiber; soy grits; soyfoods, other soy-based foods, special mixes for the baking & meat industries; all vegetable food items.

Edelsoja GmbH ★ SF

Ausschlaeger Elbdeich 62, P.O. Box 26 16 65,
D-2000 Hamburg 26, FEDERAL REPUBLIC OF
GERMANY; PH: 0049/40/789550; TLX:
2163220 (MEYER D); FAX: 0049/40/789-8329.

Other Offices: Decatur, IL; Chester, ENGLAND; S'Gravenhage, NETHERLANDS; Oudenaarde, BELGIUM; Vigonza, ITALY; Le Blanc Mesnil, Cedex, FRANCE; Barcelona, SPAIN; Campinas, BRAZIL.

CONTACT: Karl-Otto Tielker, Man. Dir.

SOYAMIN 70 soy concentrates; SOYAMIN 90 isolated soy protein; NURUPAN, NURULAT soy flour; TEXTRATEIN textured soy flour; SOYAPAN full fat soy flour; NURUFLAKES soy fiber; NURUGRAN soy grits.

Fritz Homann Lebensmittelwerke GmbH & Co. K.G. ★ SF

Bahnhofstraße 4, P.O. Box 1180, Dissen a.T.W.
4503, FEDERAL REPUBLIC OF GERMANY;
PH: 0542-1311; TLX: 94311 (HOMAD D);
FAX: 05421-2939.

CONTACT: Friedrich Gervelmeyer, Einkaufsleiter

Soy oil products, margarine; shortening; cooking/salad oil; salad dressing.

Interfood Deutschland GmbH SF

Affiliate of Interfood Luxembourg S.A.
Louisenstrasse 120, P.O. Box 1751, Bad
Homburg D-6380, FEDERAL REPUBLIC OF
GERMANY; PH: 49/6172/40100; TLX: 415840
(FOOD D); FAX: 49/6172/459057.

CONTACT: Hans D. Kneer, Man. Dir.

Soyfoods, soymilk, drinks or beverages; whole soybean snacks (soynuts); other soy-based foods, sports nutrition products; all vegetable food items.

Lucas Meyer GmbH & Company ★ C R SF IP

Ausschlaeger Elbdeich 62, P.O. Box 26 16 65,
D-2000 Hamburg 26, FEDERAL REPUBLIC OF
GERMANY; PH: 0049/40/789550; TLX:
2163220 (MEYER D); FAX: 0049/40/789-8329.

Other Offices: Decatur, IL; Chester, ENGLAND; S'Gravenhage, NETHERLANDS; Oudenaarde, BELGIUM; Vigonza, ITALY; Le Blanc Mesnil, Cedex, FRANCE; Barcelona, SPAIN; Campinas, BRAZIL.

CONTACT: Jens Heiser, Man. Dir.

Animal/livestock feed. Edible soy oil products; industrial oil products. TOPCITHIN, M-C-THIN, EMULFLUID, METARIN EMULPURE, EMULGUM, LECIMULTIN, EMULTHIN, EPICHOLIN, and EPIKURON lecithins (edible grade); SOYAMIN 70 soy concentrates; SOYAMIN 90 isolated soy protein; VEGAFOOM whipping soya protein; TEXTRATEIN textured soy protein; SOYAMIN 50 soy flour; SOYAPAN and NURUPAN full fat soy flours; NURULAT full fat soya powder; NURAFLAKES full fat soya flakes; SOYOCO full fat soya kernels; SOVITAL soya bran; NURUGRAN full fat soya grits. CONTACT: Tilman Graf. LIPOTIN and LIPOWET lecithin (Industrial grade) for paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids. CONTACT: Thomas Arnold.

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See Our Display Ad On Page 1

BRAZILIAN SOYBEAN AREA, YIELD AND PRODUCTION BY STATE 1974/75 - 1988/89†

	Area Harvested for Beans (Thousand Hectares)										1988/89*
	1974/75	1979/80	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88		
Rio Grande/Sul	3,113	3,988	3,540	3,403	3,642	3,637	3,261	3,160	3,436	3,660	
Parana	1,632	2,411	2,100	2,022	2,178	2,196	1,932	1,776	2,115	2,380	
Mato Grosso/Sul 1/	194	807	843	925	1,179	1,308	1,234	1,215	1,176	1,300	
Sao Paulo	391	561	516	470	483	499	476	462	513	580	
Santa Catarina	361	520	445	359	420	420	406	370	387	438	
Goiás	56	246	317	371	582	734	622	548	774	925	
Minas Gerais	76	162	229	258	332	447	439	415	484	580	
Mato Grosso		70	194	302	538	795	913	1,100	1,319	1,550	
Other 2/		9	18	26	67	117	167	224	311	487	
Total	5,823	8,774	8,202	8,136	9,421	10,153	9,450	9,270	10,515	11,900	
	Average Yield per Hectare for Beans (Metric Tons)										
Rio Grande/Sul	1,510	1,439	1,192	1,548	1,487	1,570	1,063	1,600	1,057	1,612	
Parana	2,220	2,240	2,000	2,134	1,892	2,010	1,630	2,170	2,270	1,891	
Mato Grosso/Sul 1/	1,410	1,638	1,823	1,947	1,699	1,956	1,592	1,992	2,110	1,962	
Sao Paulo	1,730	1,959	1,924	2,055	1,803	1,924	1,929	2,117	1,953	1,897	
Santa Catarina	1,290	1,383	1,200	1,128	1,379	1,343	1,251	1,265	1,344	1,370	
Goiás	1,300	1,854	1,770	1,868	1,455	1,847	1,822	1,943	1,935	1,919	
Minas Gerais	1,140	1,790	1,703	1,853	1,669	1,975	1,815	1,976	1,924	1,940	
Mato Grosso		1,671	1,887	2,023	1,952	2,083	2,104	2,170	2,050	2,194	
Other 2/		1,778	1,833	8,154	1,507	1,504	1,455	1,125	1,582	1,540	
Average Total	1,699	1,727	1,565	1,813	1,650	1,800	1,492	1,866	1,717	1,824	
	Total Production of Beans (Thousand Metric Tons)										
Rio Grande/Sul	4,688	5,737	4,221	5,269	5,415	5,711	3,465	5,056	3,631	5,900	
Parana	3,625	5,400	4,200	4,315	4,121	4,413	3,150	3,854	4,800	4,500	
Mato Grosso/Sul 1/	273	1,322	1,537	1,801	2,003	2,559	1,965	2,420	2,481	2,550	
Sao Paulo	678	1,099	993	966	871	960	918	978	1,002	1,100	
Santa Catarina	467	719	534	405	579	564	508	468	520	600	
Goiás	73	456	561	693	847	1,356	1,133	1,065	1,498	1,775	
Minas Gerais	87	290	390	478	554	883	797	820	931	1,125	
Mato Grosso		117	366	611	1,050	1,656	1,921	2,387	2,695	3,400	
Other 2/		16	33	212	101	176	243	252	492	750	
Total	9,891	15,156	12,835	14,750	15,541	18,278	14,100	17,300	18,050	21,700	

†Local crop year. *Forecast. 1/Before 1979, Mato Grosso and Mato Grosso/Sul were one state. 2/Other (includes beans shipped through Paraguay in some years, yield figures may not be accurate). Source: USDA, Foreign Ag. Service, Foreign Production Estimates Division.

CANADIAN SOYBEAN PRODUCTION
Acreage, Yield, Production, Farm Price and Value (Canadian Dollars)
1950 - 1989

Crop Year	Harvested Acreage (Th. Acres)	Avg. Yield per Harvested Acre (Bu./Acre)	Production (Th. Bu.)	Avg. Farm Price (C\$/Bu.)	Total Farm Value (Th. C\$)
1950-51	142	23.4	3,323	2.55	8,474
1955-56	214	26.4	5,650	2.09	11,808
1960-61	227	22.0	4,997	2.03	11,521
1963-64	227	22.0	4,997	2.80	14,006
1964-65	230	30.4	6,981	2.87	20,021
1965-66	264	30.5	8,047	2.70	21,681
1966-67	279	32.3	9,002	3.00	27,036
1967-68	289	28.0	8,084	2.68	21,684
1968-69	294	31.3	9,039	2.42	21,845
1969-70	321	24.0	7,716	2.61	20,003
1970-71	336	31.0	10,398	2.78	28,906
1971-72	368	28.0	10,288	3.17	32,575
1972-73	405	34.0	13,779	5.73	78,902
1973-74	469	31.1	14,587	6.17	89,897
1974-75	415	27.0	11,060	6.08	62,563
1975-76	390	34.6	13,485	4.92	54,051
1976-77	378	24.3	9,186	7.13	65,496
1977-78	551	38.7	21,311	6.18	131,702
1978-79	704	26.9	18,960	7.81	148,078
1979-80	689	35.0	24,140	6.96	168,014
1980-81	684	37.1	25,353	8.33	211,182
1981-82	689	32.4	22,303	7.16	159,689
1982-83	899	34.6	31,158	6.68	208,135
1983-84	899	30.0	27,007	9.42	254,406
1984-85	1,001	33.7	33,694	7.40	249,336
1985-86	1,001	37.1	37,185	6.59	245,049
1986-87	949	37.2	35,274	6.31	222,579
1987-88	1,139	41.0	46,654	7.51	350,372
1988-89*	1,312	32.3	42,351		

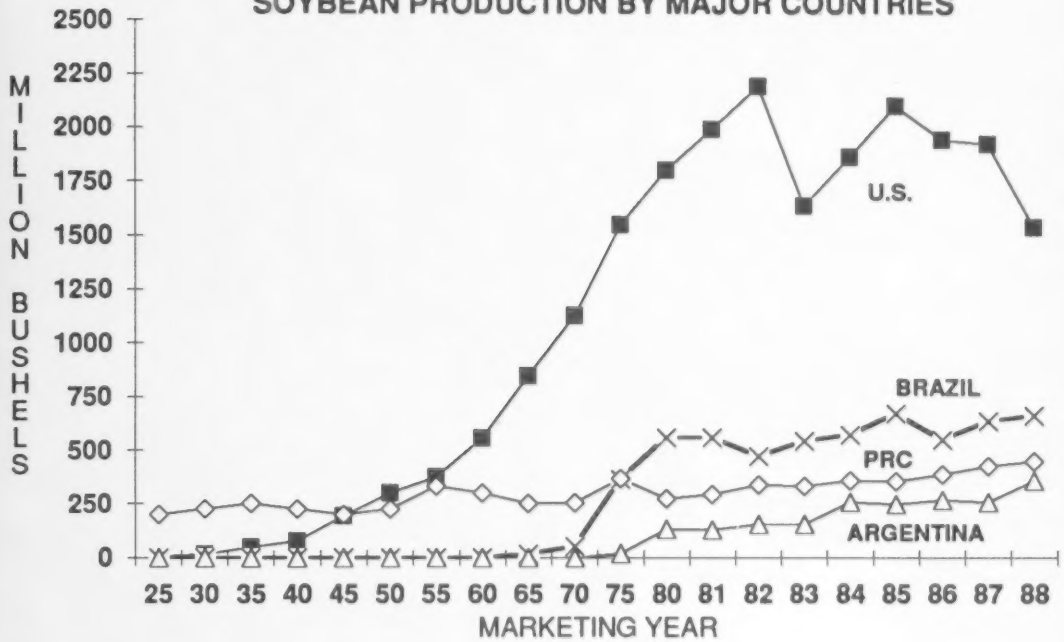
*Forecast. Source: Compiled from records of Statistics Canada. U.S. Department of Agriculture, Foreign Agricultural Service, Foreign Production Estimates Division.

CANADIAN SOYBEAN PRODUCTION AND UTILIZATION 1950 - 1989

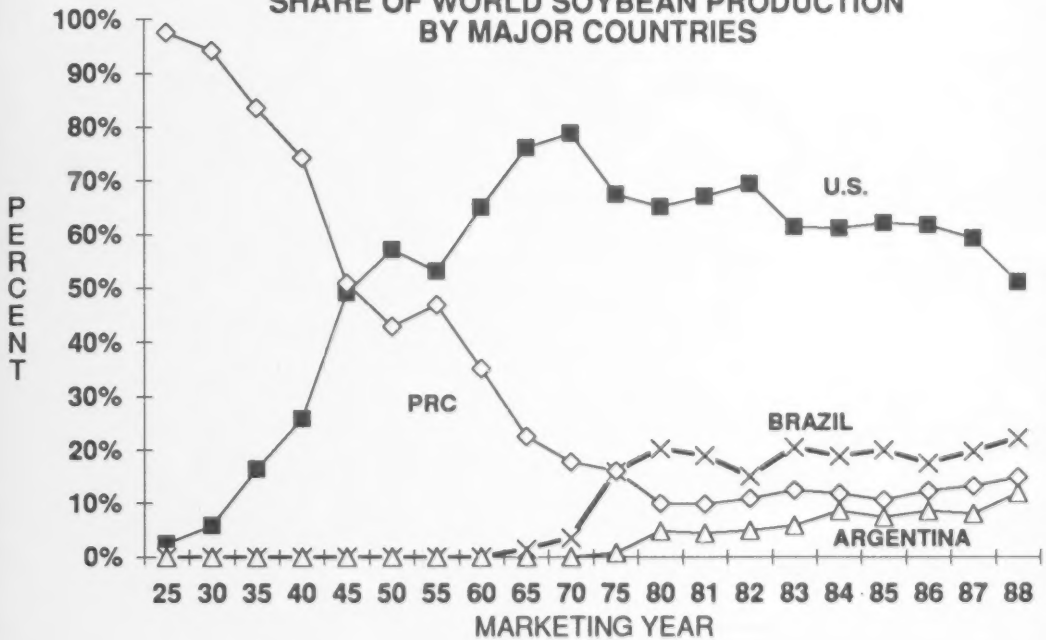
Year Beg. Aug. 1	Production (Th. Bu.)	Imports (Th. Bu.)	Supplies (Th. Bu.)	Exports of Beans (Th. Bu.)	Processed for Oil and Meal (Th. Bu.)	Soy Oil Produced (Th. Lb.)	Soybean Oilcake Produced (Short Tons)
1950	3,323	4,723	8,046	—	7,393	72,676	176,343
1955	5,650	8,309	13,959	1,492	11,799	124,171	279,095
1960	4,997	12,345	17,346	1,381	16,279	173,837	380,558
1963	4,997	15,656	20,658	1,614	18,606	192,655	441,526
1964	6,981	16,461	23,442	3,197	19,401	198,413	461,868
1965	8,047	17,049	25,096	2,168	20,650	205,026	491,631
1966	9,002	16,277	25,279	3,601	19,878	200,617	473,994
1967	8,084	13,338	21,422	1,580	19,842	198,413	471,789
1968	9,039	12,456	21,495	1,139	20,062	205,026	476,198
1969	7,716	17,380	25,096	1,102	23,883	244,709	563,281
1970	10,398	15,726	26,124	808	23,589	240,300	553,360
1971	10,288	14,808	25,096	1,396	23,296	240,300	544,542
1972	13,799	10,986	24,765	1,102	22,487	218,254	532,416
1973	14,587	12,493	27,080	1,102	23,589	240,300	554,462
1974	11,060	12,713	23,773	294	23,295	238,095	550,053
1975	13,485	13,595	27,080	808	25,721	262,346	606,271
1976	9,186	14,404	23,590	2,919	22,303	227,072	528,007
1977	21,311	9,664	30,975	2,352	26,749	273,368	625,010
1978	18,960	12,860	31,820	3,344	27,301	284,392	636,033
1979	24,140	15,506	39,646	1,984	34,466	346,120	813,506
1980	25,353	14,734	40,087	5,218	34,172	350,595	806,612
1981	22,303	15,579	37,882	3,050	35,347	361,620	835,262
1982	31,158	15,396	46,554	4,299	38,324	394,627	918,225
1983	27,007	10,288	37,295	2,241	34,429	363,763	809,096
1984	33,694	8,414	46,958	4,556	34,098	374,782	795,869
1985	37,185	6,430	50,596	6,357	32,849	343,918	767,208
1986	35,274	7,973	52,433	5,401	35,017	348,327	805,789
1987*	46,664	5,548	61,435	6,834	35,090	365,964	807,994
1988**	42,365	5,328	57,835	7,165	34,907	352,736	804,687
1989***	44,092	5,512	59,121	7,349	36,743	374,782	848,779

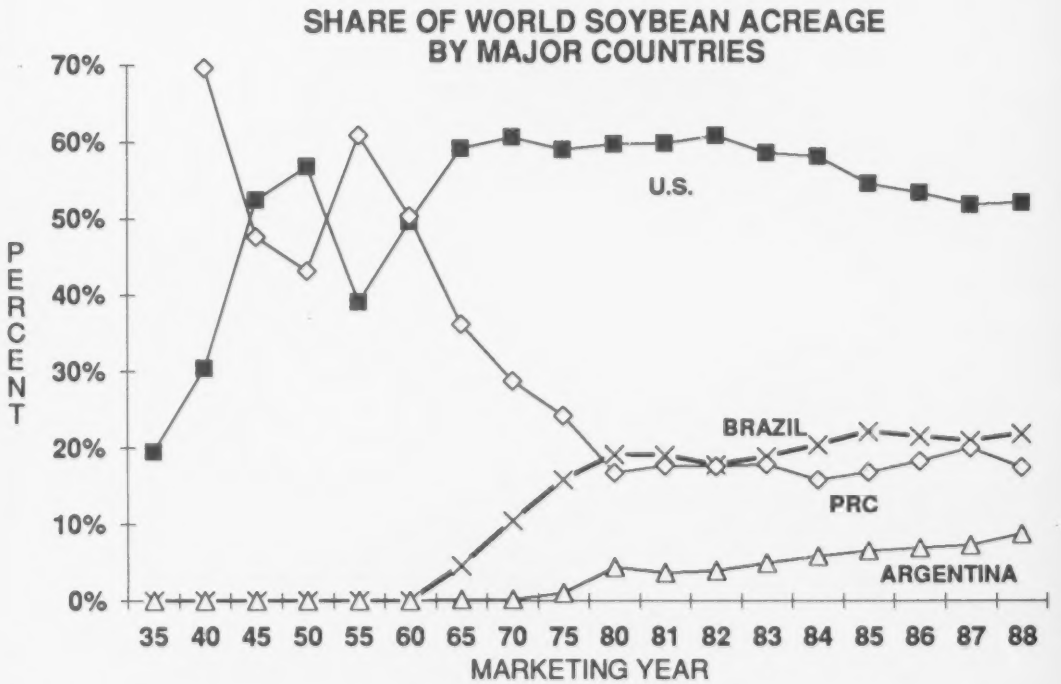
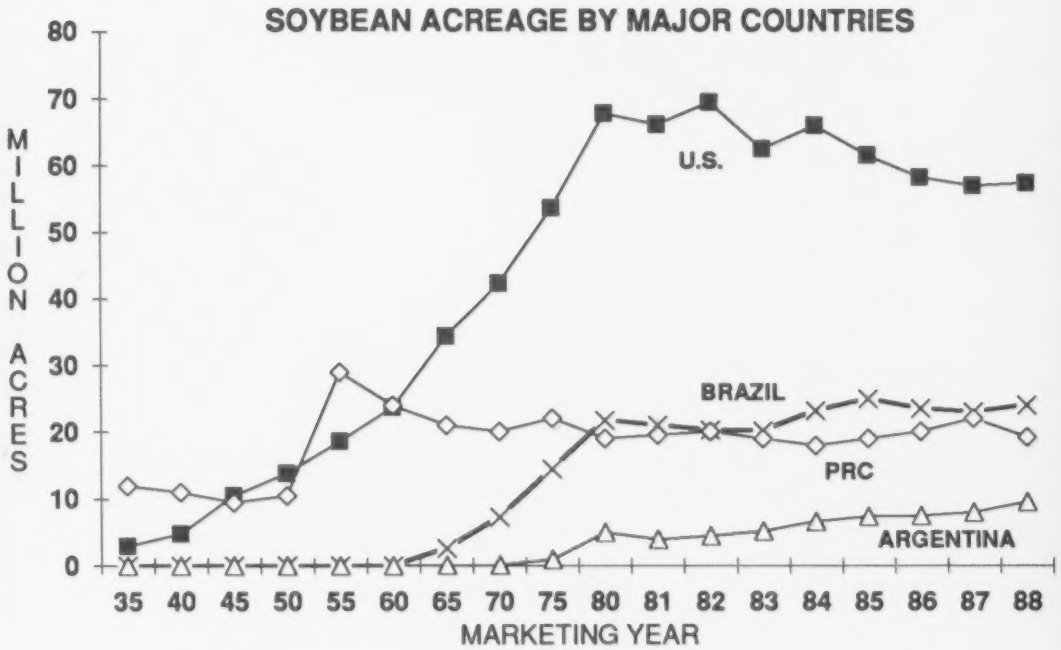
*Revised. **Preliminary. ***Forecast. Source: Compiled from official USDA estimates.
U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

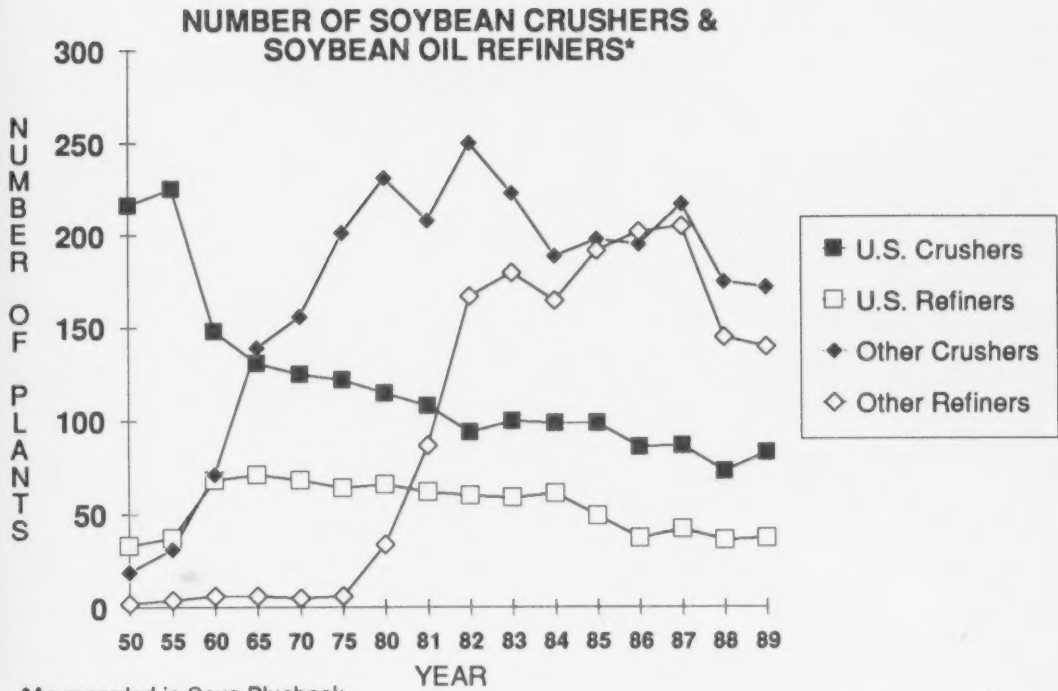
SOYBEAN PRODUCTION BY MAJOR COUNTRIES



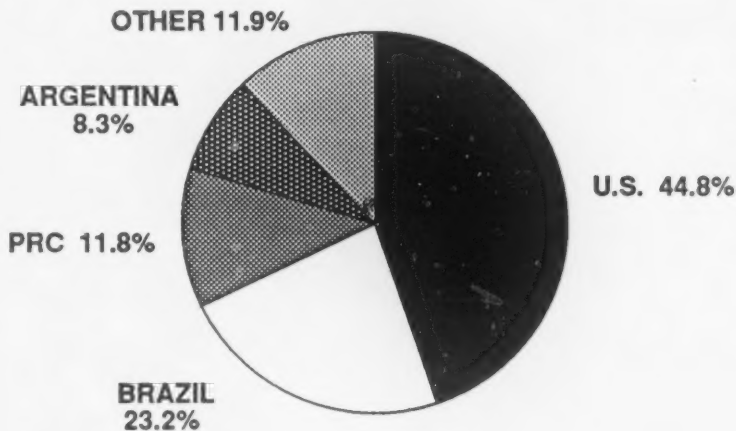
SHARE OF WORLD SOYBEAN PRODUCTION BY MAJOR COUNTRIES







**1988/89 WORLD SOYBEAN PRODUCTION
FORECAST OF MARKET SHARE**



WORLD SOYBEAN PRODUCTION
Area and Production in Specified Countries and the World Total
1983/84 - 1988/89*

Country or Region	Area† (Thousand Hectares)					Production (Thousand Metric Tons)						
	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89*	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89*
NORTH AMERICA:												
Canada	364	405	405	384	461	531	735	917	1,012	960	1,270	1,153
Mexico	350	350	370	340	390	145	600	550	710	660	750	300
United States 1/	25,303	26,755	24,922	23,590	23,058	23,223	44,518	50,644	57,113	52,801	52,329	41,876
CENTRAL & SOUTH AMERICA:												
Argentina	2,910	3,270	3,316	3,510	4,260	4,400	7,000	6,750	7,300	7,000	9,700	7,800
Bolivia	36	66	57	43	83	120	58	104	140	81	158	240
Brazil	9,421	10,153	9,450	9,270	10,515	11,900	15,541	18,278	14,100	17,300	18,050	21,700
Colombia	51	54	74	65	61	93	94	104	154	128	115	200
Ecuador	5	25	32	47	55	57	6	46	57	85	92	97
Guatemala	3	5	5	14	12	17	3	9	9	29	26	38
Jamaica	0	1	0	0	0	0	0	1	0	0	0	0
Paraguay	420	550	550	530	615	690	550	950	600	950	1,100	1,200
Peru	1	1	1	3	3	5	2	2	2	6	5	8
Uruguay	8	14	25	43	43	58	10	21	45	80	70	70
Venezuela	1	1	1	2	2	7	1	1	1	2	2	10
AFRICA:												
Egypt	67	46	46	50	50	60	162	143	133	140	144	165
Morocco	0	1	1	2	4	2	0	1	1	2	4	2
Nigeria	100	100	115	100	108	115	50	60	55	70	65	70
Zambia	9	10	14	21	23	25	13	15	17	22	26	28
South Africa	35	23	30	33	40	45	32	35	35	32	56	60
Zimbabwe	56	44	45	59	63	65	90	86	84	108	114	117
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.... continued

Country or Region

EUROPE:

Austria

Bulgaria

Czechoslovakia

France

Greece

Hungary

Italy

Portugal

Romania

Spain

Switzerland

Yugoslavia

SOVIET UNION:

ASIA:

Burma

China: P.R.C

Taiwan

India

Indonesia

Iran

Japan

Korea, North

Korea, South

Pakistan

Philippines

Sri Lanka

Thailand

Turkey

Vietnam

OCEANIA:

Australia

WORLD TOTAL

Country or Region	Area†				Production							
	1983/84	1984/85	1985/86 (Thousand Hectares)	1986/87	1987/88	1988/89	1983/84	1984/85	1985/86 (Thousand Metric Tons)	1986/87	1987/88	1988/89
EUROPE:												
Austria	0	0	0	0	0	6	0	0	0	0	0	12
Bulgaria	64	72	71	51	36	40	82	72	39	54	34	40
Czechoslovakia	3	3	2	2	2	2	5	4	4	3	5	5
France	12	22	28	48	79	92	25	31	46	85	186	240
Greece	0	0	0	1	2	8	0	0	0	3	7	28
Hungary	30	30	24	23	36	65	52	50	46	51	65	103
Italy	25	36	94	232	481	400	62	110	286	806	1,588	1,280
Portugal	0	0	0	0	1	1	0	0	0	0	1	1
Romania	275	292	319	312	350	350	259	407	317	472	350	400
Spain	1	2	2	1	2	2	2	4	5	2	4	4
Switzerland	0	0	0	0	2	1	0	0	0	0	1	2
Yugoslavia	107	114	101	96	105	110	210	228	174	225	237	177
SOVIET UNION:	842	772	738	745	783	760	560	469	465	703	712	880
ASIA:												
Burma	28	30	30	32	30	30	22	23	23	27	24	23
China: P.R.C	7,567	7,286	7,718	8,295	8,445	8,141	9,760	9,695	10,509	11,614	12,184	11,000
Taiwan	6	7	9	9	8	9	10	12	15	18	15	16
India	836	1,243	1,340	1,527	1,680	1,800	614	955	1,020	891	980	1,300
Indonesia	859	896	970	920	950	1,000	769	870	950	900	950	1,000
Iran	51	50	50	50	50	50	96	90	90	90	90	90
Japan	143	134	134	138	163	162	217	238	228	245	287	277
Korea, North	300	320	330	335	340	340	340	400	425	435	440	440
Korea, South	182	190	156	133	154	145	226	254	234	199	203	259
Pakistan	2	4	4	5	4	6	1	2	5	5	4	5
Philippines	8	7	7	8	9	9	8	7	6	7	7	8
Sri Lanka	0	0	0	0	3	4	0	0	0	0	2	3
Thailand	156	193	241	282	303	365	179	246	369	356	338	450
Turkey	24	28	45	60	112	70	46	60	75	120	120	70
Vietnam	89	120	130	135	135	150	67	86	90	95	95	120
OCEANIA:												
Australia	48	63	71	66	46	79	89	110	105	115	65	126
WORLD TOTAL	50,798	53,788	52,073	51,612	54,157	55,755	83,166	93,140	97,034	97,977	103,070	93,493

*Split years shown refer to years of harvest, Northern Hemisphere crops which are harvested in the first part of the split year (for example September-October 1983) and Southern Hemisphere crops which are harvested in the first part of the following year (for example March-April 1984). In this example, the split year designation would be 1983/84. †Figures refer to harvested areas. ‡Prelim. 1/Hectares harvested for soybeans. Sources: USDA, FAS, Oilseeds and Products Division.

U.S. SOYBEANS: SUPPLY, DISPOSITION, ACREAGE/YIELD AND PRICE 1970 - 1988

	Year Beginning September									
	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988*
SUPPLY (MIL. BUSHEL)										
Beginning stocks, Sept. 1,	230.0	188.2	358.0	254.0	345.0	176.0	316.0	536.0	436.0	302.0
Production	1,127.0	1,547.4	1,798.0	2,190.0	1,636.0	1,861.0	2,099.0	1,940.0	1,923.0	1,539.0
Total supply	1,357.0	1,735.6	2,156.0	2,444.0	1,981.0	2,037.0	2,415.0	2,476.0	2,359.0	1,841.0
DISPOSITION (MIL. BUSHEL)										
Crushings	760.0	865.1	1,020.0	1,108.0	983.0	1,030.0	1,053.0	1,179.0	1,174.0	1,050.0
Exports	434.0	555.1	724.0	905.0	740.0	598.0	740.0	757.0	802.0	550.0
Seed/feed and residual	64.0	70.5	99.0	86.0	82.0	93.0	86.0	104.0	81.0	96.0
Total disposition	1,258.0	1,490.7	1,843.0	2,099.0	1,805.0	1,721.0	1,879.0	2,040.0	2,057.0	1,696.0
Ending stocks, Aug. 31	99.0	244.9	313.0	345.0	176.0	316.0	536.0	436.0	302.0	145.0
Stocks as % of usage	7.9	16.4	17.0	16.4	9.8	18.4	28.5	21.4	14.7	8.5
ACREAGE AND YIELD (MIL. ACRES)										
Acreage planted	43.1	54.6	70.0	71.5	63.5	67.7	63.1	60.4	58.0	59.0
Acreage harvested for beans	42.2	53.6	67.8	69.4	61.8	66.0	61.6	59.4	57.0	57.4
Percent harvested (%)	97.9	98.3	96.9	97.1	97.3	98.0	97.6	96.7	98.3	97.3
Yield (Bu./Acre)	26.7	28.9	26.5	31.5	26.2	28.2	34.1	33.3	33.7	26.8
PRICE PER BUSHEL (DOLLARS)										
Support (U.S. farm basis)	2.25	—	5.02	5.02	5.02	5.02	5.02	4.77	4.77	4.77
Farm price	2.85	4.92	7.57	5.65	7.75	5.85	5.05	4.78	5.88	7.20-7.60
No. 1 Yellow, IL pts.	3.00	5.26	7.68	6.12	7.86	5.98	5.30	5.14	6.76	7.89

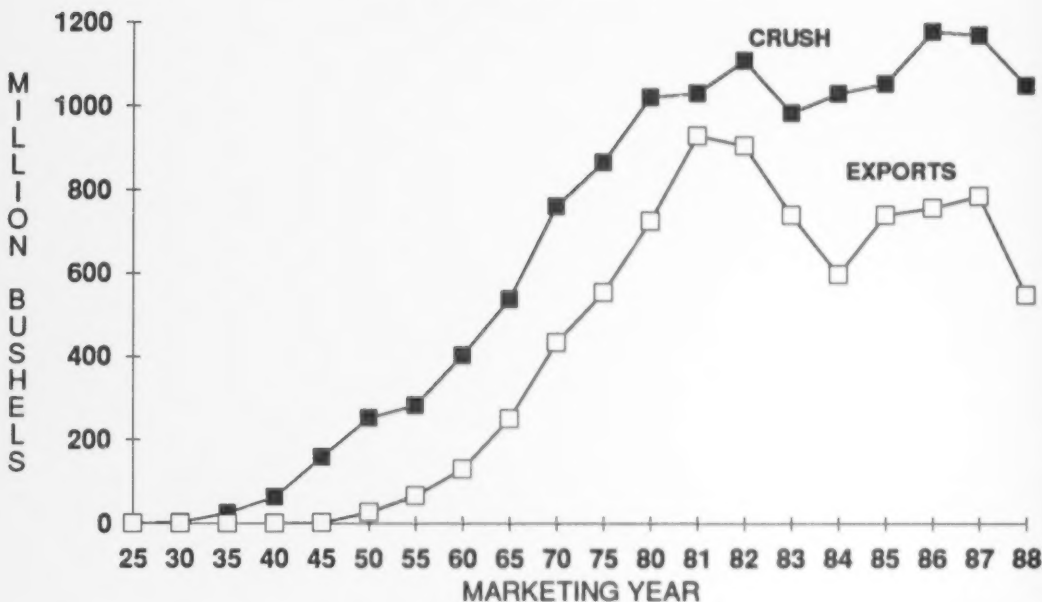
*Forecast. Source: OIL CROPS SITUATION AND OUTLOOK YEARBOOK (Apr. 89), USDA, Economic Research Service.

U.S. SOYBEAN MEAL AND OIL: SUPPLY AND DISPOSITION 1970 - 1988*

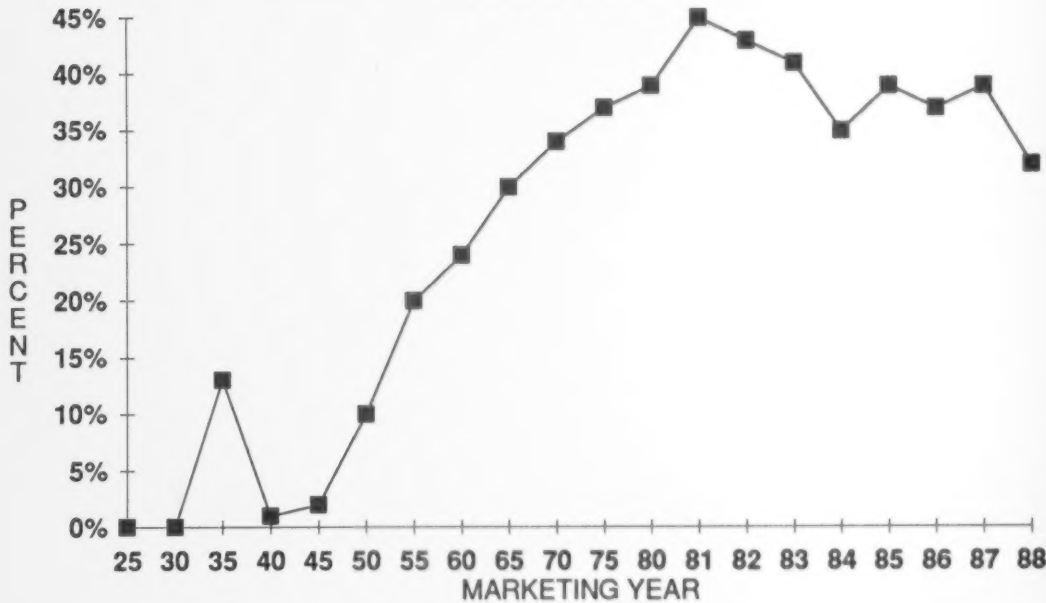
	Year Beginning October									
	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988*
SOYBEAN MEAL										
(THOUSAND SHORT TONS)										
Beginning stocks, Oct. 1	137	358	226	175	474	255	387	212	240	153
Production	18,035	20,754	24,314	26,700	22,758	24,529	24,951	27,758	28,060	24,647
Total supply	18,172	21,112	24,540	26,875	23,232	24,784	25,338	27,970	28,300	24,800
Domestic usage	13,467	15,612	17,600	19,450	17,541	19,480	19,118	20,387	21,276	19,500
Exports	4,559	5,145	6,777	7,050	5,436	4,917	6,008	7,343	6,871	5,000
Total usage	18,026	20,757	24,377	26,500	22,977	24,397	25,126	27,730	28,147	24,500
Ending stocks, Sept. 30	146	355	163	375	255	387	212	240	153	300
SOYBEAN OIL										
(MIL. POUNDS)										
Beginning stocks, Oct. 1	543	561	1,210	1,103	1,261	721	632	947	1,725	2,092
Production	8,265	9,630	11,270	12,017	10,872	11,468	11,617	12,783	12,974	11,548
Total supply	8,808	10,191	12,480	13,120	12,133	12,209	12,257	13,745	14,895	13,840
Domestic usage	6,293	7,964	9,110	9,850	9,593	9,917	10,053	10,833	10,930	10,600
Exports	1,742	976	1,629	1,900	1,814	1,660	1,257	1,187	1,873	1,300
Total usage	8,035	8,940	10,739	11,750	11,412	11,577	11,310	12,020	12,803	11,900
Ending stocks, Sept. 30	773	1,251	1,741	1,370	721	632	947	1,725	2,092	1,940

*Forecast. Source: OIL CROPS SITUATION & OUTLOOK YEARBOOK, (Apr. 89), U.S. Department of Agriculture, Economic Research Service.

SOYBEAN USAGE IN THE U. S.



U.S. SOYBEAN EXPORTS AS A PERCENT OF TOTAL USAGE



ARGENTINE SOYBEANS: SUPPLY AND DISPOSITION

Year*	Area Harvested (Th. Hectares)	Average Yield (MT per Hectare)	(Thousand Metric Tons)					Crush	Domestic Consumption	Ending Stocks
			Total Production	Imports	Exports					
1975-76	356	1.362	485	0	0			529	574	218
1976-77	434	1.601	695	0	111			496	567	235
1977-78	660	2.121	1,400	0	623			589	725	287
1978-79	1,250	2.160	2,700	0	1,969			686	871	147
1979-80	1,600	2.313	3,700	0	2,776			639	844	227
1980-81	2,030	1.773	3,600	0	2,726			720	897	204
1981-82	1,740	2.011	3,500	0	2,190			1,081	1,279	235
1982-83	1,986	2.090	4,150	0	2,151			1,907	2,127	107
1983-84	2,281	1.841	4,200	0	1,338			2,399	2,637	332
1984-85	2,910	2.405	7,000	0	3,132			3,617	3,922	278
1985-86	3,270	2.064	6,750	0	2,954			3,445	3,780	294
1986-87	3,316	2.201	7,300	0	2,566			4,347	4,711	317
1987-88	3,510	1.994	7,000	0	1,292			4,969	5,384	641
1988-89	4,260	2.277	9,700	0	2,100			7,000	7,520	721
1989-90	4,400	1.773	7,800	0	1,500			6,000	6,550	471

*Local marketing years (April-March). Source: Counselor and Attache Reports, Official Statistics and Estimates from U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

**ARGENTINE SOYBEAN MEAL AND OIL:
SUPPLY AND DISPOSITION***
(Thousand Metric Tons)

	Total Production	Imports	Exports	Domestic Consumption	Ending Stocks
SOYBEAN MEAL					
1975-76	406	0	158	265	13
1976-77	384	0	251	131	15
1977-78	455	0	325	141	4
1978-79	536	0	370	156	14
1979-80	499	0	260	244	9
1980-81	561	0	277	277	16
1981-82	838	0	591	241	22
1982-83	1,500	0	1,209	261	52
1983-84	1,924	0	1,765	116	95
1984-85	2,893	0	2,663	206	119
1985-86	2,739	0	2,521	303	34
1986-87	3,455	0	3,248	187	54
1987-88	3,922	0	3,600	332	44
1988-89	5,585	0	5,050	400	179
1989-90	4,790	0	4,350	450	169
SOYBEAN OIL					
1975-76	92	0	20	67	8
1976-77	81	0	67	18	4
1977-78	96	0	64	33	3
1978-79	112	0	59	52	4
1979-80	106	0	102	4	4
1980-81	121	0	88	25	12
1981-82	183	0	84	103	8
1982-83	312	0	220	82	18
1983-84	393	0	298	76	37
1984-85	593	0	504	78	48
1985-86	579	0	544	43	40
1986-87	729	0	649	62	58
1987-88	853	0	800	93	18
1988-89	1,205	0	1,085	85	53
1989-90	1,030	0	940	95	48

*Local marketing years (April-March). Source: Counselor and Attache Reports, Official Statistics and Estimates from U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

BRAZILIAN SOYBEANS: SUPPLY AND DISPOSITION*

(Thousand Metric Tons)									
Year	Area Harvested (Th. Hectares)	Average Yield (MT per Hectare)	Total Production		Imports	Exports	Crush	Domestic Consumption	Ending Stocks
1975-76	5,824	1,698	9,892		0	3,516	5,516	6,171	564
1976-77	6,417	1,750	11,227		0	3,328	6,374	7,122	1,360
1977-78	7,070	1,770	12,513		0	2,581	8,661	9,486	1,806
1977-79	7,782	1,226	9,541		89	659	8,882	9,720	1,057
1979-80	8,256	1,240	10,240		253	638	9,094	9,989	923
1980-81	8,774	1,727	15,156		474	1,533	13,009	13,929	1,091
1981-82	8,501	1,778	15,200		934	1,502	13,796	14,686	1,037
1982-83	8,202	1,565	12,835		1,252	797	12,728	13,623	704
1983-84	8,136	1,813	14,750		34	1,316	12,873	13,942	230
1984-85	9,421	1,650	15,541		154	1,580	12,517	13,664	681
1985-86	10,153	1,800	18,278		378	3,456	13,774	14,899	982
1986-87	9,450	1,492	14,100		337	1,192	12,332	13,377	850
1987-88	9,270	1,866	17,300		441	3,290	13,820	15,031	270
1988-89	10,515	1,717	18,050		62	3,020	13,676	15,019	343
1989-90	11,900	1,824	21,700		63	4,700	15,500	16,900	506

*Local marketing years (Feb.-Jan.). Source: Counselor and Attache Reports, Official Statistics and Estimates from U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

**BRAZILIAN SOYBEAN MEAL AND OIL:
SUPPLY AND DISPOSITION***
(Thousand Metric Tons)

	Total Production	Imports	Exports	Domestic Consumption	Ending Stocks
SOYBEAN MEAL					
1975-76	4,279	0	3,450	810	86
1976-77	4,945	0	4,078	847	106
1977-78	6,616	0	5,329	1,255	138
1978-79	6,842	0	5,368	1,461	151
1979-80	7,040	0	5,038	1,971	182
1980-81	9,968	0	6,936	2,595	619
1981-82	10,607	0	8,562	2,271	393
1982-83	9,879	0	7,822	1,956	494
1983-84	9,960	0	7,994	2,169	291
1984-85	9,714	0	7,690	1,952	363
1985-86	10,688	0	8,628	2,120	303
1986-87	9,590	0	6,961	2,649	283
1987-88	10,782	0	8,030	2,779	256
1988-89	10,710	0	8,477	2,191	298
1989-90	12,135	0	9,700	2,400	333
SOYBEAN OIL					
1975-76	1,022	0	320	702	150
1976-77	1,180	0	430	800	100
1977-78	1,585	0	560	1,025	100
1978-79	1,629	0	522	1,110	97
1979-80	1,669	123	459	1,309	121
1980-81	2,463	3	809	1,516	262
1981-82	2,585	0	1,212	1,490	145
1982-83	2,392	22	873	1,505	181
1983-84	2,408	43	947	1,575	110
1984-85	2,353	144	920	1,580	107
1985-86	2,587	107	935	1,596	270
1986-87	2,319	158	413	2,074	260
1987-88	2,605	59	975	1,832	117
1988-89	2,576	61	661	1,959	134
1989-90	2,920	15	875	2,000	194

*Local marketing years (Feb.-Jan.). Source: Counselor and Attache Reports, Official Statistics and Estimates from U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

PRICES OF U.S. SOYBEANS: NO. 1 YELLOW
Average Price Per Bushel, Illinois Country Shipping Points
By Month (In Dollars)

Year*	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	AVG.
1950-51	2.45	2.30	2.72	2.95	3.10	3.25	3.25	3.25	3.24	3.04	2.94	2.87	2.95
1955-56	2.24	2.22	2.19	2.27	2.35	2.45	2.56	2.85	3.10	2.97	2.54	2.40	2.51
1960-61	2.07	2.04	2.05	2.15	2.39	2.66	2.88	3.14	3.06	2.73	2.59	2.63	2.53
1965-66	2.61	2.38	2.49	2.62	2.77	2.84	2.82	2.92	3.03	3.30	3.49	3.63	2.91
1970-71	2.75	2.90	2.97	2.88	2.99	3.01	3.00	2.91	2.99	3.12	3.30	3.23	3.00
1975-76	5.57	5.01	4.71	4.58	4.64	4.75	4.72	4.75	5.23	6.23	6.66	6.31	5.26
1976-77	6.59	6.22	6.55	6.86	7.06	7.26	8.25	9.60	9.42	8.25	6.40	5.49	7.33
1977-78	5.16	5.07	5.84	5.94	5.73	5.65	6.58	6.81	7.01	6.76	6.62	6.47	6.14
1978-79	6.42	6.72	6.68	6.81	6.89	7.28	7.45	7.27	7.21	7.70	7.64	7.28	7.11
1979-80	7.04	6.56	6.52	6.53	6.36	6.42	6.07	5.80	6.04	6.10	7.22	7.45	6.51
1980-81	8.13	8.27	8.91	7.73	7.57	7.34	7.37	7.72	7.58	7.13	7.36	6.94	7.67
1981-82	6.44	6.30	6.28	6.23	6.30	6.24	6.16	6.42	6.56	6.31	6.20	5.73	6.26
1982-83	5.40	5.26	5.70	5.73	5.81	5.86	5.98	6.35	6.27	6.06	6.59	8.46	6.12
1983-84	8.93	8.46	8.20	7.77	7.67	7.37	7.97	7.98	8.61	7.91	6.85	6.63	7.86
1984-85	6.21	6.27	6.25	6.07	6.04	5.97	6.08	6.13	5.95	5.88	5.65	5.28	5.98
1985-86	5.19	5.05	5.19	5.32	5.45	5.38	5.47	5.40	5.44	5.43	5.33	5.00	5.30
1986-87	4.96	4.89	5.08	4.96	4.95	4.89	4.92	5.12	5.52	5.63	5.47	5.28	5.14
1987-88	5.27	5.32	5.64	5.94	6.17	6.21	6.30	6.71	7.31	9.13	8.59	8.52	6.76
1988-89	8.52	7.92	7.67	7.83	7.83	7.60							

*Year begins in September. Note: Beginning September 1953, price quotations are for No. 1 and No. 2 yellow soybeans when the degrading factors were test weight and/or splits only. Source: OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 89), U.S. Department of Agriculture, Economic Research Service.

PRICES OF U.S. SOYBEANS: RECEIVED BY FARMERS
Average Price Per Bushel
By Month* (In Dollars)

Year†	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	AVG.
1950-51	2.26	2.03	2.54	2.70	2.90	3.08	3.10	3.12	3.13	2.98	2.86	2.71	2.47
1955-56	2.00	2.08	2.06	2.11	2.19	2.25	2.38	2.63	2.98	2.87	2.47	2.33	2.22
1960-61	1.97	1.94	1.96	1.99	2.23	2.48	2.68	3.02	2.96	2.60	2.48	2.49	2.13
1965-66	2.35	2.31	2.36	2.48	2.67	2.77	2.71	2.78	2.90	3.04	3.37	3.49	2.54
1970-71	2.66	2.67	2.86	2.77	2.86	2.92	2.91	2.80	2.85	2.98	3.18	3.09	2.85
1975-76	5.32	4.92	4.45	4.28	4.46	4.50	4.46	4.52	4.87	6.16	6.73	6.07	4.92
1976-77	6.65	5.90	6.11	6.56	6.81	7.06	7.83	9.05	9.24	3.13	6.52	5.48	6.81
1977-78	5.17	5.28	5.61	5.68	5.75	5.53	6.20	6.49	6.77	6.69	6.40	6.21	5.88
1978-79	6.20	6.26	6.41	6.49	6.58	6.99	7.16	7.06	7.06	7.36	7.36	7.07	6.66
1979-80	6.81	6.35	6.30	6.27	6.39	6.20	5.94	5.63	5.91	5.76	6.75	7.18	6.28
1980-81	7.59	7.68	8.18	7.80	7.80	7.50	7.59	7.60	7.42	7.10	7.16	6.71	7.57
1981-82	6.21	6.06	6.04	6.00	6.13	6.04	5.99	6.17	6.27	6.12	5.99	5.59	6.04
1982-83	5.22	5.06	5.34	5.46	5.56	5.66	5.82	6.08	6.05	5.91	6.28	7.57	5.67
1983-84	8.28	7.96	7.81	7.75	7.85	7.28	7.68	7.83	8.12	7.99	6.95	6.50	7.83
1984-85	6.09	6.07	6.01	5.82	5.91	5.77	5.88	5.88	5.70	5.62	5.42	5.10	5.84
1985-86	4.99	4.85	4.92	5.01	5.16	5.18	5.23	5.23	5.25	5.19	5.11	4.99	5.05
1986-87	4.86	4.51	4.64	4.67	4.70	4.69	4.73	4.90	5.20	5.36	5.25	5.02	4.78
1987-88	5.02	5.04	5.36	5.63	5.73	5.97	5.93	6.98	6.99	8.14	8.50	8.33	6.15
1988-89	7.94	7.53	7.43	7.53	7.69	7.41							

†Year begins in September. *Monthly prices computed by weighting state prices by estimated sales for the month.

†Includes allowance for unredeemed loans and purchase agreement deliveries by state.

Source: OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 89), USDA, Economic Research Service.

U.S. SOYBEAN PRICE SUPPORT OPERATIONS

Year Beginning October	Production (1,000 Bu.)	Owned by CCC on Oct. 1 (1,000 Bu.)	Under Price Support			Deliveries to CCC (1,000 Bu.)	Support Rate Per Bu. (\$)	Season Avg. Price Rec'd by Farmers 1/ (\$)	Price Rec'd by Farmers as % of Parity 2/ (%)
			Loans (1,000 Bu.)	Purchase Agreements (1,000 Bu.)	Total (1,000 Bu.)				
1945	193,167	—	32	—	32	—	2.04	2.08	123
1950	299,249	7	14,716	238	14,954	29	2.06	2.47	102
1955	373,682	6,570	27,490	2,643	30,133	2	2.04	2.22	82
1960	555,085	9,700	25,400	200	25,600	0	1.85	2.13	84
1965	845,608	9	86,517	—	86,517	29	2.25	2.54	84
1970	1,127,100	115,311 3/	146,416	—	146,416	37	2.25	2.85	75
1971	1,176,101	1,401	168,204	—	168,204	45	2.25	3.06	72
1972	1,270,608	—	90,555	—	90,555	6	2.25	4.37	88
1973	1,547,543	—	124,177	—	124,177	4	2.25	5.68	92
1974	1,216,287	—	34,544	—	34,544	—	2.25	6.64	95
1975	1,548,344	—	—	—	—	—	None	4.92	68
1976	1,288,608	—	22,471	—	22,471	—	2.50	6.81	90
1977	1,767,267	—	97,262	—	97,262	—	3.50	5.88	77
1978	1,868,754	—	64,208	—	64,208	17	4.50	6.66	75
1979	2,260,665	1	122,349	—	122,349	122	4.50	6.29	62
1980	1,797,543	19	133,192	—	133,192	3,424	5.02	7.60	65
1981	1,989,110	—	221,154	—	221,154	23,419	5.02	6.07	49
1982	2,190,297	2,704	396,564	—	296,564	267	5.02	5.71	44
1983	1,635,772	20,770	101,208	—	101,208	443	5.02	7.83	60
1984	1,860,863	3,018	278,257	—	278,257	151,716	5.02	5.84	45
1985	2,098,531	30,687	517,661	—	517,661	301,327	5.02	5.05	40
1986	1,940,101	171,044	327,009	—	327,009	105	4.77	4.78	39
1987	1,922,762	232,030	274,706	—	274,706	0	4.77	5.88	49
1988	1,538,666	2,914	—	—	—	—	4.77	—	—

1/State average weighted by sales to obtain national average. Prices for years in which there was a substantial volume of deliveries to CCC from loans and purchase agreements include an allowance for such deliveries valued at average loan rates. 2/Generally mid-September parity prices. 3/Excludes 42 million bushels resealed. Source: U.S. Department of Agriculture, Agricultural Stabilization & Conservation Service, Analysis Division.

U.S. SOYBEAN CROP VALUE
U.S. and Major Producing States
1925 - 1988 (In \$1,000)

Year	U.S.	Illinois	Iowa	Indiana	Ohio	Missouri	Minnesota	Arkansas
1925	11,430	3,077	260	872	571	905	—	69
1930	19,058	8,225	1,350	2,495	651	1,584	—	184
1935	35,565	18,983	4,510	4,879	1,771	1,140	76	604
1940	70,224	29,675	12,478	8,928	8,168	1,601	779	832
1945	402,234	156,416	73,143	58,889	39,935	19,843	13,860	6,822
1950	737,760	238,383	112,094	89,208	62,539	64,790	42,785	28,357
1955	830,909	277,956	101,293	99,951	66,640	71,155	98,412	44,469
1960	1,184,910	288,335	141,164	140,843	80,063	102,304	87,623	109,231
1965	2,151,305	467,141	329,121	199,362	129,702	192,762	155,213	195,392
1970	3,204,650	611,320	520,572	289,611	195,389	250,937	229,126	279,484
1975	7,617,984	1,530,547	1,206,228	605,593	511,500	549,921	494,721	551,075
1976	8,768,979	1,758,834	1,409,648	747,184	664,330	558,600	479,697	533,520
1977	10,351,545	2,021,163	1,487,933	806,637	698,342	854,112	789,627	650,670
1978	12,458,598	2,078,089	1,930,082	963,323	852,994	1,056,284	952,963	773,808
1979	14,250,214*	2,448,857	1,890,334	1,005,638	916,837	1,142,272	975,360	928,648
1980	13,559,595	2,361,248	2,352,939	1,195,214	1,036,858	1,028,331	1,084,066	516,128
1981	12,071,341	2,161,725	1,916,880	922,944	616,455	934,856	803,184	610,830
1982	12,462,799	2,086,238	1,784,412	954,608	756,576	959,310	982,181	602,976
1983	12,774,974	2,119,782	2,159,150	974,702	830,234	807,520	1,159,752	553,261
1984	10,748,050	1,662,161	1,468,530	880,940	803,613	627,997	938,956	604,344
1985	10,571,324	1,977,525	1,545,403	932,854	819,086	894,958	769,800	508,880
1986	9,262,746	1,767,600	1,658,693	748,510	712,525	786,581	768,180	328,020
1987	11,304,851	1,983,600	2,051,591	1,033,560	874,724	880,992	1,106,235	423,280
1988	11,864,842	1,832,220	1,934,400	900,900	769,230	852,345	960,960	616,000

Source: U.S. Department of Agriculture, National Agricultural Statistics Service.

U.S. FARM MARKETINGS OF SOYBEANS
 Percent of Open Market Farm Sales, by Month
 1978/79 - 1987/88

Crop Marketing Season

Month	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
September	6.9	5.0	9.9	6.0	5.7	8.1	4.2	5.8	7.0	12.4
October	25.1	21.7	25.2	18.4	17.6	20.2	14.3	17.4	20.1	23.3
November	10.5	11.4	11.4	15.6	14.0	12.0	19.9	13.6	12.2	10.0
December	6.2	7.3	5.4	7.2	8.5	7.4	9.0	12.0	8.3	5.9
January	11.3	10.4	10.4	10.7	12.6	11.7	9.5	13.9	13.6	13.0
February	10.2	7.3	4.3	6.4	6.2	5.5	5.5	5.6	6.4	6.5
March	6.7	6.6	7.8	6.6	6.7	9.7	8.9	8.1	6.7	6.8
April	4.5	5.3	5.9	9.1	5.7	6.3	6.9	5.9	6.9	5.0
May	4.4	6.4	5.0	6.7	4.0	11.0	4.8	4.6	6.0	5.4
June	6.9	6.4	3.6	4.0	4.3	3.2	5.9	5.0	4.3	4.9
July	3.5	6.9	5.4	4.9	7.8	2.1	6.1	4.7	4.4	3.8
August	3.8	5.3	5.7	4.4	6.9	2.7	5.0	3.4	4.1	3.0
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Source: U.S. Department of Agriculture, National Agricultural Statistics Service.

VALUE OF U.S. SOYBEAN PRODUCTS AND CRUSH MARGIN (PER BUSHEL) 1950 - 1987

Year beg. Sept.	Value of Products per Bushel					Soybean Price		Margin Between Value of Products and Soybean Price	
	Soy Oil		Soybean Meal			Rec'd by Farmers ¹ (dollars)	No. 1 Y IL pls. ² (dollars)	Rec'd by Farmers (dollars)	No. 1 Y IL pls. (dollars)
	Yield ³ (pounds)	Price ⁴ (cents)	Value (dollars)	Yield ⁵ (pounds)	Price ⁶ (cents)	Value (dollars)	Total Value in (dollars)		
1950	9.7	17.9	1.74	46.8	3.16	1.48	3.22	2.47	2.95
1955	11.1	12.5	1.39	46.2	2.68	1.24	2.63	2.22	2.51
1960	11.0	11.2	1.23	47.0	3.00	1.41	2.64	2.13	2.53
1965	10.7	11.8	1.26	47.5	4.02	1.91	3.17	2.54	2.91
1970	10.8	12.8	1.38	47.4	3.96	1.88	3.26	2.85	3.00
1975	10.9	18.5	2.02	47.3	7.20	3.40	5.42	4.92	5.26
1976	11.1	24.1	2.67	47.8	10.14	4.85	7.52	6.81	7.33
1977	10.9	23.8	2.59	47.3	8.09	3.83	6.42	5.88	6.14
1978	11.1	27.0	2.98	47.6	9.40	4.48	7.47	6.66	7.41
1979	10.8	24.6	2.64	48.0	8.91	4.28	6.91	6.28	6.51
1980	11.1	23.3	2.58	47.9	11.10	5.32	7.90	7.57	7.67
1981	10.7	19.1	2.04	47.9	9.25	4.43	6.47	6.04	6.26
1982	10.8	19.0	2.22	47.9	9.40	4.48	6.70	5.65	6.12
1983	11.3	31.1	3.50	47.4	9.78	4.63	8.13	7.83	7.86
1984	11.0	30.0	3.31	47.2	6.33	2.99	6.30	5.85	5.98
1985	11.0	18.7	2.06	47.3	7.60	3.59	5.65	5.05	5.30
1986	10.9	15.2	1.65	47.1	8.08	3.80	5.46	4.78	5.14
1987	11.0	22.1	2.44	47.8	10.73	5.13	7.57	6.15	6.76
								1.42	.81

*Actual outturn of oil and meal as calculated from Bureau of Census Reports. ¹Simple average of monthly cash prices per pound using the following quotations: soybean oil, crude, tank cars, F.O.B. Decatur, IL.; soybean meal, bulk, 44% protein, Decatur, IL. ²Season average price received by farmers weighted by the estimated percent of crops sold each month. Source: OIL CROPS SITUATION AND OUTLOOK YEARBOOK (Apr. 89), USDA, Economic Research Service.

U.S. SOYBEAN MEAL: PRICES PAID BY FARMERS
Soybean Meal, 44% Protein: Dollars per 100 Pounds,
1950 - 1989

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	AVG.
1950	4.20	4.02	4.11	4.19	4.58	4.73	5.16	5.01	4.44	4.15	4.24	4.34	4.43
1955	4.77	4.73	4.62	4.50	4.36	4.16	4.16	4.14	4.17	4.33	4.08	3.97	4.33
1960	4.24	4.19	4.14	4.16	4.09	4.05	4.03	3.98	4.01	3.96	3.85	3.80	4.04
1965	4.76	4.81	4.80	4.82	4.82	4.90	5.03	5.04	5.01	5.01	5.10	5.01	4.93
1970	5.73	5.87	5.62	5.46	5.45	5.42	5.56	5.67	5.72	5.69	5.62	5.67	5.62
1975	9.86	9.10	8.37	8.64	8.54	8.48	8.57	8.88	9.24	9.23	8.75	8.74	8.87
1976	8.81	8.84	8.86	8.84	9.34	11.50	12.50	11.70	12.20	11.60	11.50	12.20	10.66
1977	12.60	13.00	13.70	15.10	16.00	15.40	13.20	11.80	11.20	10.70	11.00	11.30	12.92
1978	11.30	10.90	11.30	11.90	11.80	11.90	11.90	11.50	11.50	11.80	12.30	12.40	11.71
1979	12.50	12.60	12.80	12.80	12.80	13.10	14.00	13.50	13.20	13.20	12.80	13.00	13.03
1980	12.80	12.80	12.60	12.20	12.30	12.40	12.70	13.70	14.60	15.30	16.50	16.30	13.68
1981	15.90	15.50	15.00	15.20	15.40	15.20	15.00	14.90	14.40	14.00	13.70	13.80	14.83
1982	13.70	13.90	13.70	13.80	13.90	13.90	13.70	13.50	13.20	12.90	12.90	13.00	13.51
1983	13.10	13.20	13.20	13.60	13.70	13.50	13.50	14.70	15.70	15.80	15.80	15.60	14.28
1984	15.60	14.80	14.50	14.50	14.20	13.60	13.00	12.60	12.30	11.80	11.60	11.30	13.32
1985	11.10	11.00	10.60	10.30	10.10	9.82	9.74	9.76	10.00	10.30	10.60	10.70	10.34
1986*	10.90	11.10		11.40			11.50			11.60			11.30
1987	11.30			11.40			12.40			12.60			11.93
1988	13.90			13.70			18.00			17.00			15.60
1989	16.60			15.60									

*Monthly program discontinued. Quarterly program began April 1986. Source: Agricultural Prices, U.S. Department of Agriculture, National Agricultural Statistics Service.

U.S. SOYBEAN MEAL: AVERAGE WHOLESALE PRICE
 Soybean Meal, 44% Protein: Dollars per Ton, Bulk Decatur
 By Month, 1950/51 - 1988/89

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	AVG.*
1950-51	54.05	61.45	64.70	63.90	69.25	67.00	62.00	63.40	64.40	68.80	64.60	69.75	64.44
1955-56	56.00	49.00	50.25	51.00	49.40	47.40	53.00	60.05	60.75	54.80	52.10	46.90	52.55
1960-61	48.95	44.50	51.25	55.20	61.50	64.45	73.10	71.00	63.85	65.00	68.90	59.60	60.60
1965-66	70.80	75.70	71.40	78.80	77.30	71.50	75.50	80.30	92.70	97.20	97.90	88.40	81.50
1970-71	77.25	77.90	82.00	80.25	77.50	77.00	74.25	78.25	81.50	84.25	78.75	73.25	78.80
1975-76	125.90	119.90	125.10	128.25	132.60	127.90	127.10	152.25	187.90	193.90	173.30	179.20	147.80
1976-77	169.60	181.20	197.60	207.00	211.00	226.20	275.60	258.25	225.30	162.00	140.30	143.60	199.80
1977-78	135.00	161.70	160.10	162.20	152.90	179.40	173.00	177.40	169.75	172.00	162.90	163.90	164.20
1978-79	176.80	177.10	188.75	184.90	190.90	194.50	191.10	188.00	209.60	201.60	188.90	188.60	190.10
1979-80	181.40	183.10	188.00	180.20	174.25	164.60	154.20	166.50	160.90	187.90	207.40	234.50	181.90
1980-81	246.40	261.40	223.70	223.50	212.50	210.40	222.00	221.00	200.90	204.10	202.25	190.00	218.20
1981-82	180.75	178.40	187.50	191.00	191.00	183.60	190.25	192.40	183.60	181.90	169.00	160.80	182.50
1982-83	157.00	173.40	178.50	179.75	177.10	177.30	186.75	185.75	175.50	189.30	232.80	233.60	187.20
1983-84	228.60	224.70	216.60	201.90	184.40	196.40	190.00	187.40	174.40	157.60	151.60	144.90	188.20
1984-85	141.60	135.20	136.75	135.20	125.25	125.90	117.30	111.50	110.25	114.00	121.40	130.60	125.40
1985-86	138.30	142.50	145.00	153.25	152.25	163.70	157.00	157.90	158.90	161.00	163.50	165.20	154.90
1986-87	151.90	154.00	149.60	146.80	154.40	146.60	159.00	174.90	185.80	181.25	169.90	177.20	162.60
1987-88	185.50	206.60	214.80	193.75	183.00	191.80	200.40	223.50	287.80	255.60	255.10	264.90	221.90
1988-89	259.60	248.20	246.00	249.30	234.10	237.10							

Source: U.S. Department of Agriculture, Agricultural Marketing Service. *Prices rounded to the nearest ten cents.

**U.S. SOYBEAN MEAL: BEGINNING STOCKS, PRODUCTION,
EXPORTS AND DOMESTIC DISAPPEARANCE**
By Month, 1981/82 - 1987/88 (Thousand Short Tons)

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	TOTAL
1981-82													
*Stocks	162.7	309.2	314.8	279.4	315.7	324.9	190.3	172.1	309.3	224.9	309.1	189.7	—
Production	2,501.8	2,325.8	2,450.6	2,265.6	2,077.4	2,049.9	1,930.5	2,066.0	1,844.3	1,684.4	1,619.6	1,818.5	24,634.4
Exports	584.6	631.7	666.1	673.6	928.8	713.4	679.2	643.8	457.7	346.6	346.7	235.3	6,907.5
Domestic Disappearance	1,770.7	1,688.5	1,819.9	1,555.7	1,139.4	1,471.1	1,269.5	1,285.0	1,471.0	1,353.6	1,292.2	1,597.7	17,714.3
1982-83													
*Stocks	175.2	342.8	349.6	332.3	400.2	422.8	341.0	356.1	341.5	272.3	365.2	378.5	—
Production	2,385.9	2,581.4	2,679.1	2,628.1	2,220.7	2,258.7	1,949.8	1,992.7	1,955.8	1,993.5	2,052.8	2,071.1	26,769.6
Exports	448.2	723.1	660.8	1,052.2	826.8	850.2	450.2	458.8	533.8	381.6	330.5	392.5	7,108.7
Domestic Disappearance	1,770.1	1,851.5	2,035.6	1,508.0	1,371.3	1,490.3	1,484.5	1,548.5	1,491.2	1,459.0	1,709.0	1,587.0	19,306.0
1983-84													
*Stocks	474.1	419.3	466.8	391.1	475.8	446.7	460.7	418.6	427.2	391.2	355.5	242.7	—
Production	2,287.9	2,049.1	2,122.6	2,220.2	1,872.2	2,029.2	1,760.3	1,872.2	1,665.0	1,629.1	1,689.6	1,559.0	22,756.4
Exports	593.5	617.5	664.7	687.6	578.0	580.9	400.1	315.5	265.7	287.1	278.8	166.1	5,435.5
Domestic Disappearance	1,749.2	1,384.1	1,533.6	1,447.7	1,323.3	1,434.3	1,402.3	1,548.1	1,435.3	1,377.1	1,523.6	1,380.2	17,538.8
1984-85													
*Stocks	255.4	236.1	285.7	336.8	319.3	334.1	444.6	428.8	495.8	569.6	562.5	458.0	—
Production	2,107.6	2,326.0	2,381.0	2,226.4	1,887.2	2,023.6	1,958.3	2,100.9	1,952.7	1,934.0	1,831.6	1,800.6	24,529.9
Exports	256.2	474.7	635.7	515.3	431.8	416.3	387.4	331.3	353.0	338.7	364.4	411.7	4,916.5
Domestic Disappearance	1,870.7	1,801.7	1,694.2	1,728.3	1,440.9	1,496.8	1,585.7	1,703.6	1,525.9	1,602.4	1,571.7	1,460.0	19,481.9
1985-86													
*Stocks	386.9	318.4	369.2	358.4	372.4	281.3	386.6	300.8	282.4	278.7	250.6	298.3	—
Production	2,218.1	2,287.7	2,379.9	2,343.8	1,925.2	2,159.7	2,008.4	2,036.7	1,879.4	1,976.6	1,863.4	1,878.7	24,957.6
Exports	397.8	615.1	638.5	590.3	619.1	649.3	607.7	378.1	452.9	404.2	345.0	312.9	6,010.9
Domestic Disappearance	1,888.8	1,621.8	1,752.2	1,739.5	1,397.2	1,405.1	1,486.5	1,677.0	1,430.2	1,600.5	1,474.9	1,644.6	19,118.3
1986-87													
*Stocks	211.7	218.0	387.3	240.3	311.2	277.5	235.8	244.0	321.7	261.3	292.9	301.3	—
Production	2,520.9	2,562.8	2,527.3	2,590.1	2,409.9	2,489.1	2,256.4	2,245.6	2,134.9	2,185.2	1,948.9	1,887.7	27,758.8
Exports	524.1	818.4	887.8	584.9	930.1	992.4	654.8	427.8	455.8	480.3	382.0	204.6	7,343.0
Domestic Disappearance	1,990.6	1,575.2	1,786.4	1,926.4	1,513.5	1,538.4	1,593.4	1,740.1	1,739.5	1,673.2	1,558.5	1,744.2	20,379.4
1987-88													
*Stocks	240.2	267.6	311.8	296.2	390.4	304.9	243.7	299.5	255.6	294.4	437.4	264.6	—
Production	2,439.4	2,667.8	2,649.3	2,554.4	2,377.1	2,572.8	2,449.9	2,339.9	2,129.0	2,110.3	1,872.5	1,897.8	28,060.2
Exports	260.4	509.8	654.9	635.0	986.9	984.7	739.1	716.7	966.8	301.1	285.6	441.0	6,871.0
Domestic Disappearance	2,151.6	2,113.9	2,021.0	1,825.2	1,475.8	1,649.4	1,654.9	1,667.1	1,723.4	1,666.2	1,759.7	1,567.9	21,275.9

*Beginning of month. Source: OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 89), U.S. Department of Agriculture, Economic Research Service.

U.S. OILSEED CAKE AND MEALS: SUPPLY DISPOSITION AND PRICE 1980 - 1988

Year Beg. October	Supply				Disposition				Price per Ton† Dollars
	Stocks Oct. 1*	Pro- duction	Imports	Total	Domestic Disappearance 1,000 tons	Exports	Ship- ments	Total	
1980									
Soybean	226	24,312	—	24,538	17,534	6,774	57	24,375	218.20
Cottonseed	53	1,790	— 0	1,843	1,625	99	11	1,735	197.05
Linseed	5	260	1	266	120	142	—	262	160.55
Peanut	1	84	—	85	84	—	—	84	236.05
Total	285	26,446	1	26,732	19,363	7,015	68	26,456	—
1981									
Soybean	163	24,634	—	24,797	17,673	6,908	41	24,622	182.50
Cottonseed	108	2,190	—	2,298	2,019	107	18	2,144	156.15
Linseed	4	185	2	191	83	103	—	186	151.75
Peanut	1	124	—	125	124	—	—	124	182.10
Total	276	27,133	2	27,411	19,898	7,118	59	27,076	—
1982									
Soybean	175	26,714	—	26,889	19,306	7,109	—	26,415	187.20
Cottonseed	154	1,588	—	1,742	1,648	1	—	1,649	176.55
Linseed	5	180	2	187	87	94	—	182	145.05
Peanut	1	70	—	71	102	—	—	69	198.30
Total	335	28,552	2	28,889	21,111	7,204	—	28,315	—
1983									
Soybean	474	22,756	—	23,230	17,615	5,360	—	22,975	188.20
Cottonseed	93	1,134	—	1,227	1,126	1	—	1,127	190.20
Linseed	5	236	1	242	122	113	—	235	140.20
Peanut	2	71	—	73	70	—	—	70	209.00
Total	574	24,197	1	24,772	18,933	5,474	—	24,407	—
1984									
Soybean	255	24,529	—	24,784	19,480	4,917	—	24,397	125.40
Cottonseed	100	1,732	—	1,832	1,758	6	—	1,764	99.40
Linseed	7	183	2	192	112	77	—	189	87.90
Peanut	3	95	—	98	85	—	—	85	130.00
Sunflower	6	355	—	361	339	16	—	355	52.35
Total	371	26,894	2	27,267	21,774	5,016	—	26,790	—
1985									
Soybean	387	24,951	—	25,338	19,090	6,036	—	25,126	154.90
Cottonseed	68	1,526	—	1,594	1,520	5	—	1,525	134.30
Linseed	3	166	3	172	103	65	—	168	113.95
Peanut	13	137	—	150	146	—	—	146	160.00
Sunflower	6	393	—	399	344	49	—	393	68.80
Total	477	27,173	3	27,653	21,203	6,155	—	27,358	—
1986									
Soybean	212	27,758	—	27,970	20,387	7,343	—	27,730	162.70
Cottonseed	69	1,112	—	1,181	1,131	18	—	1,149	148.55
Linseed	4	185	2	191	133	56	—	189	113.25
Peanut	4	102	—	106	104	—	—	104	167.70
Sunflower	6	336	—	342	297	39	—	336	75.85
Total	295	29,493	2	29,790	22,252	7,456	—	29,508	—
1987									
Soybean	240	28,060	—	28,300	21,276	6,871	—	28,147	221.90
Cottonseed	32	1,647	—	1,679	1,590	45	—	1,635	178.50
Linseed	2	191	2	195	127	65	—	192	160.30
Peanut	2	109	—	111	109	—	—	109	226.90
Sunflower	6	470	—	476	420	51	—	471	98.80
Total	282	30,477	2	30,761	23,522	7,032	—	30,554	—
1988**									
Soybean	153	24,897	—	25,050	19,500	5,250	—	24,750	230.00
Cottonseed	44	1,746	—	1,790	1,705	35	—	1,740	200.00
Linseed	3	150	5	158	93	60	—	153	165.00
Peanut	2	140	—	142	136	—	—	136	235.00
Sunflower	5	359	—	364	342	17	—	359	127.00
Total	207	27,292	5	27,504	21,776	5,362	—	27,138	—

*Stocks at processing mills. †Soybean meal, 44% protein, bulk Decatur. Cottonseed meal, 41% protein, bulk Memphis. Peanut Meal, 50% protein, southeast milling points. 0Less than 500 tons. **Forecast.
Source: USDA, Agriculture, Stabilization & Conservation Service, Analysis Division.

WORLD MAJOR PROTEIN MEALS: SUPPLY AND UTILIZATION
(Million Metric Tons)

	1984-85	1985-86	1986-87	1987-88*	1988-89†
PRODUCTION					
Soybean	58.20	61.07	67.26	67.42	65.75
Cottonseed	12.57	11.10	9.82	11.15	11.59
Rapeseed	9.50	10.26	11.12	12.61	11.97
Sunflowerseed	7.34	7.66	7.54	8.15	8.51
Fish	6.02	6.33	6.04	6.42	6.33
Peanut	4.33	4.23	4.38	4.27	4.87
Copra	1.50	1.89	1.72	1.53	1.59
Linseed	1.24	1.14	1.19	1.13	1.00
Palm Kernel	1.15	1.33	1.30	1.39	1.47
Total	101.84	105.00	110.38	114.06	113.08
EXPORTS					
Soybean	22.31	23.13	25.59	25.24	26.59
Cottonseed	0.79	0.94	0.83	0.96	1.00
Rapeseed	1.46	1.82	1.69	1.86	1.69
Sunflowerseed	1.68	1.91	1.50	1.65	1.77
Fish	3.16	3.16	3.20	3.13	3.15
Peanut	0.46	0.53	0.66	0.77	0.74
Copra	0.96	1.34	1.24	1.03	0.98
Linseed	0.62	0.52	0.60	0.55	0.44
Palm Kernel	0.87	1.06	0.98	1.04	1.12
Total	32.32	34.40	36.64	36.25	37.47
IMPORTS					
Soybean	22.84	23.93	26.64	25.84	26.96
Cottonseed	0.72	0.94	0.82	0.93	0.94
Rapeseed	1.45	1.71	2.24	1.95	1.93
Sunflowerseed	1.65	1.89	1.65	1.61	1.67
Fish	3.11	3.24	3.16	3.19	3.14
Peanut	0.42	0.58	0.73	0.82	0.81
Copra	0.93	1.36	1.24	1.06	1.01
Linseed	0.63	0.60	0.66	0.68	0.61
Palm Kernel	0.94	1.02	1.02	1.20	1.10
Total	32.69	35.26	38.16	37.27	38.16
CONSUMPTION					
Soybean	59.00	61.78	67.73	67.79	66.43
Cottonseed	12.38	11.09	9.98	11.12	11.55
Rapeseed	9.54	10.09	11.58	12.60	12.35
Sunflowerseed	7.22	7.67	7.66	8.14	8.43
Fish	6.06	6.30	6.24	6.23	6.34
Peanut	4.27	4.30	4.36	4.37	4.96
Copra	1.56	1.95	1.78	1.56	1.55
Linseed	1.26	1.21	1.26	1.26	1.17
Palm Kernel	1.20	1.29	1.29	1.54	1.44
Total	102.49	105.69	111.88	114.60	114.22
ENDING STOCKS					
Soybean	2.78	2.86	3.08	3.31	2.99
Cottonseed	0.35	0.36	0.19	0.19	0.18
Rapeseed	0.22	0.28	0.37	0.45	0.32
Sunflowerseed	0.21	0.18	0.21	0.18	0.16
Fish	0.57	0.67	0.44	0.68	0.67
Peanut	0.04	0.02	0.11	0.06	0.04
Copra	0.13	0.09	0.03	0.03	0.09
Linseed	0.03	0.04	0.03	0.02	0.02
Palm Kernel	0.08	0.07	0.12	0.13	0.13
Total	4.39	4.57	4.58	5.06	4.60

Note: Totals may not add due to rounding. *Prelim. †Estimates, May 1989. Source: Counselor and Attache Reports; Official Statistics; USDA, Foreign Agricultural Service, Oilseeds and Products Division.

WORLD MAJOR OILSEEDS: SUPPLY AND UTILIZATION
(Million Metric Tons)

	1984-85	1985-86	1986-87	1987-88*	1988-89†
PRODUCTION					
Soybean	93.14	97.03	97.98	103.07	93.49
Cottonseed	33.91	30.63	27.12	30.96	32.33
Peanut	19.68	19.99	20.27	20.39	21.99
Sunflowerseed	17.99	19.56	19.25	20.66	20.92
Rapeseed	17.08	18.70	19.54	23.19	21.93
Flaxseed	2.32	2.35	2.66	2.27	1.69
Copra	4.68	5.31	4.71	4.32	4.52
Palm Kernel	2.27	2.56	2.56	2.62	2.84
Total	191.07	196.13	194.08	207.49	199.70
EXPORTS					
Soybean	25.27	26.07	28.56	30.05	24.42
Cottonseed	0.29	0.28	0.25	0.28	0.30
Peanut	1.10	1.37	1.27	1.31	1.28
Sunflowerseed	2.18	1.98	1.82	2.20	1.87
Rapeseed	3.15	3.63	4.58	4.57	4.38
Flaxseed	0.61	0.67	0.79	0.71	0.52
Copra	0.32	0.44	0.32	0.27	0.28
Palm Kernel	0.14	0.13	0.13	0.14	0.14
Total	33.06	34.55	37.71	39.51	33.19
IMPORTS					
Soybean	25.45	27.57	29.18	28.74	25.16
Cottonseed	0.27	0.26	0.25	0.29	0.23
Peanut	1.07	1.26	1.27	1.26	1.27
Sunflowerseed	2.13	1.89	1.94	2.02	2.01
Rapeseed	3.29	3.65	4.92	4.34	4.07
Flaxseed	0.63	0.73	0.80	0.60	0.57
Copra	0.33	0.38	0.33	0.29	0.33
Palm Kernel	0.11	0.11	0.12	0.10	0.11
Total	33.28	35.85	38.80	37.63	33.75
CRUSH					
Soybean	73.86	77.45	85.55	84.88	83.56
Cottonseed	26.67	23.92	21.18	23.68	24.85
Peanut	10.59	10.46	10.79	10.53	11.97
Sunflowerseed	15.77	16.71	16.46	17.79	18.47
Rapeseed	15.51	16.99	18.43	20.87	19.80
Flaxseed	1.94	1.79	1.87	1.78	1.56
Copra	4.23	5.32	4.66	4.29	4.44
Palm Kernel	2.15	2.46	2.40	2.59	2.76
Total	150.71	155.10	161.33	166.41	167.41
ENDING STOCKS					
Soybean	17.58	23.20	19.56	19.65	13.73
Cottonseed	0.52	0.42	0.28	0.44	0.49
Peanut	0.87	0.64	0.67	0.68	0.53
Sunflowerseed	0.32	0.46	0.78	0.91	0.74
Rapeseed	1.03	1.27	1.04	1.24	1.28
Flaxseed	0.21	0.37	0.61	0.52	0.31
Copra	0.44	0.27	0.21	0.14	0.16
Palm Kernel	0.18	0.13	0.15	0.09	0.11
Total	21.14	26.75	23.29	23.67	17.34

Note: Totals may not add due to rounding. *Prelim. †Estimates, May 1989. Source: Counselor and Attache Reports; Official Statistics; USDA, Foreign Agricultural Service, Oilseeds and Products Division.

**WORLD MAJOR VEGETABLE AND MARINE OILS:
SUPPLY AND UTILIZATION
(Million Metric Tons)**

	1984-85	1985-86	1986-87	1987-88*	1988-89†
PRODUCTION					
Soybean	13.34	13.85	15.22	15.22	14.90
Palm	6.92	8.17	8.09	8.49	9.25
Sunflowerseed	6.17	6.65	6.57	7.20	7.45
Rapeseed	5.65	6.24	6.85	7.71	7.34
Cottonseed	3.87	3.47	3.05	3.45	3.61
Peanut	3.04	2.96	3.05	2.99	3.42
Coconut	2.61	3.30	2.94	2.66	2.75
Olive	1.60	1.63	1.56	1.90	1.43
Fish	1.40	1.52	1.34	1.43	1.44
Palm Kernel	0.96	1.11	1.07	1.15	1.26
Linseed	0.64	0.60	0.64	0.61	0.54
Total	46.20	49.48	50.37	52.81	53.39
EXPORTS					
Soybean	3.63	3.15	3.90	3.81	3.60
Palm 1/	4.43	5.36	5.20	5.49	6.01
Sunflowerseed	1.90	2.19	1.82	2.10	2.06
Rapeseed	1.30	1.31	1.66	1.89	1.63
Cottonseed	0.39	0.35	0.24	0.39	0.39
Peanut	0.27	0.33	0.35	0.31	0.26
Coconut	1.19	1.61	1.48	1.39	1.15
Olive	0.48	0.37	0.55	0.46	0.49
Fish	1.06	0.85	0.75	0.76	0.85
Palm Kernel	0.66	0.67	0.68	0.69	0.74
Linseed	0.25	0.23	0.29	0.25	0.20
Total	15.56	16.42	16.91	17.53	17.37
IMPORTS					
Soybean	3.51	3.08	3.80	3.79	3.49
Palm 1/	4.18	5.45	5.10	5.68	5.98
Sunflowerseed	1.93	1.99	1.77	2.00	1.97
Rapeseed	1.20	1.20	1.40	1.55	1.54
Cottonseed	0.39	0.31	0.27	0.31	0.28
Peanut	0.31	0.30	0.33	0.35	0.33
Coconut	1.10	1.52	1.36	1.36	1.17
Olive	0.50	0.50	0.57	0.46	0.50
Fish	1.05	0.82	0.79	0.74	0.81
Palm Kernel	0.56	0.66	0.66	0.80	0.77
Linseed	0.21	0.20	0.26	0.20	0.21
Total	14.94	16.03	16.29	17.24	17.05

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**WORLD MAJOR VEGETABLE AND MARINE OILS:
SUPPLY AND UTILIZATION**
(Million Metric Tons)

	1984-85	1985-86	1986-87	1987-88*	1988-89†
CONSUMPTION					
Soybean	13.13	13.49	14.78	14.99	14.80
Palm	6.48	7.83	8.04	8.64	9.11
Sunflowerseed	5.99	6.35	6.50	7.09	7.46
Rapeseed	5.54	5.98	6.53	7.26	7.28
Cottonseed	3.77	3.44	3.15	3.35	3.53
Peanut	3.09	2.89	3.03	3.05	3.50
Coconut	2.55	3.04	2.83	2.64	2.77
Olive	1.73	1.72	1.76	1.77	1.76
Fish	1.48	1.42	1.40	1.41	1.49
Palm Kernel	0.82	1.06	1.03	1.25	1.28
Linseed	0.62	0.56	0.60	0.57	0.56
Total	45.19	47.78	49.65	52.01	53.53
ENDING STOCKS					
Soybean	1.36	1.65	1.99	2.21	2.20
Palm	1.04	1.46	1.41	1.45	1.56
Sunflowerseed	0.42	0.51	0.54	0.55	0.45
Rapeseed	0.19	0.33	0.39	0.49	0.45
Cottonseed	0.21	0.19	0.12	0.14	0.12
Peanut	0.03	0.07	0.06	0.04	0.04
Coconut	0.22	0.40	0.38	0.37	0.37
Olive	0.80	0.84	0.66	0.80	0.49
Fish	0.35	0.42	0.40	0.39	0.30
Palm Kernel	0.11	0.14	0.15	0.16	0.17
Linseed	0.03	0.04	0.05	0.04	0.03
Total	4.74	6.05	6.15	6.65	6.18

Note: Totals may not add due to rounding. *Preliminary. †Estimates, May 1989. 1/ Palm oil trade excludes transshipments through Singapore. Source: Counselor and Attache Report; Official Statistics; USDA, Foreign Agricultural Service, Oilseeds and Products Division.

PRICES OF U.S. SOYBEAN OIL
Soy Oil, Domestic Crude: Average Cents Per Pound
In Tank Cars At Midwestern Mills
By Month, 1950/51 - 1988/89

CROP YEAR												*SEASON	
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	AVG
1950-51	14.6	17.1	19.6	20.6	21.1	20.5	20.5	19.5	16.4	14.5	15.4	14.0	17.8
1955-56	10.9	11.0	10.9	11.7	12.8	14.3	14.9	15.3	13.6	12.5	11.4	11.3	12.5
1960-61	9.4	10.2	10.0	10.9	12.2	13.3	13.3	12.7	13.6	10.9	10.9	10.5	11.3
1965-66	11.5	11.2	11.2	11.9	12.0	11.3	11.6	11.3	11.2	12.3	14.1	12.3	11.8
1970-71	14.0	13.9	12.4	12.3	12.1	12.2	11.2	11.4	12.8	14.5	14.5	12.8	12.8
1971-72	13.2	12.5	11.7	10.9	11.0	11.7	11.9	11.4	10.7	10.3	10.1	9.8	11.3
1972-73	9.6	9.6	9.7	10.1	13.0	13.9	15.0	17.1	19.3	22.4	33.5	24.3	16.5
1973-74	23.1	20.4	26.0	28.6	36.4	30.2	28.2	29.4	31.6	40.5	43.3	40.7	31.5
1974-75	42.3	40.4	38.0	33.6	29.4	29.1	28.2	23.6	23.3	27.5	28.5	24.4	30.7
1975-76	21.4	18.9	16.8	16.2	16.3	16.6	16.3	15.8	17.6	20.9	20.4	22.5	18.3
1976-77	20.7	21.8	21.0	20.9	22.4	26.5	29.6	31.3	28.3	23.8	21.1	19.2	23.9
1977-78	18.8	21.0	22.6	20.9	21.6	26.6	26.8	28.8	26.9	25.9	26.3	27.8	24.5
1978-79	26.7	23.7	25.3	25.8	27.3	26.9	26.7	27.8	27.4	29.1	29.2	30.0	27.2
1979-80	27.9	27.8	26.2	23.6	23.4	22.1	20.3	20.8	21.6	26.2	25.9	26.1	24.3
1980-81	25.1	26.7	23.7	23.0	22.0	23.1	23.4	21.6	21.3	22.8	20.8	19.4	22.7
1981-82	19.7	19.9	18.9	18.4	18.2	18.5	19.7	20.6	19.4	19.0	17.9	17.4	19.0
1982-83	17.4	17.6	16.6	16.4	17.3	17.7	19.3	19.8	19.4	21.6	30.2	34.3	20.6
1983-84	30.7	28.1	27.4	28.3	27.2	30.1	32.1	39.0	36.0	30.9	29.0	28.0	30.6
1984-85	30.6	31.9	28.4	28.0	29.6	31.4	33.6	32.5	32.5	29.1	24.1	22.5	29.5
1985-86	20.7	20.6	21.4	20.6	18.6	17.6	17.7	17.8	16.8	16.2	14.3	13.9	18.0
1986-87	14.6	14.9	14.9	15.6	15.4	15.2	15.3	16.2	16.0	15.4	15.2	15.6	15.4
1987-88	17.0	17.6	19.0	22.0	21.9	20.2	21.7	26.6	27.7	29.7	27.2	25.6	22.9
1988-89	23.4	21.6	22.2	21.1	21.2								

*Simple average for months shown. Source: OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 89), U.S. Department of Agriculture, Economic Research Service.

U.S. SOYBEAN OIL UTILIZATION
1960 - 1987 (Million Pounds)

Year Beginning October	Food					Nonfood					Total Domestic Utili- zation
	Short- ening	Margarine	Cooking and Salad Oils*	Other Edible	Total	Paint and Varnish	Resins and Plastics	Fatty Acids	Other Inedible†	Total	
1960	1,097	1,073	793	26	2,989	96	64	6	34	201	3,190
1965	1,739	1,241	1,200	38	4,218	100	104	—	59	263	4,481
1970	2,077	1,381	2,288	34	5,780	82	65	3	55	205	5,985
1971	2,089	1,413	2,469	38	6,009	81	55	6	38	180	6,189
1972	2,230	1,491	2,469	39	6,229	81	57	9	39	186	6,415
1973	2,321	1,513	2,884	30	6,748	91	77	12	48	228	6,976
1974	1,882	1,486	2,680	22	6,070	83	58	16	31	188	6,258
1975	2,416	1,691	3,274	24	7,405	94	66	23	24	207	7,612
1976	2,189	1,568	3,221	25	7,003	85	83	26	36	230	7,233
1977	2,433	1,592	3,808	29	7,862	87	79	42	33	241	8,103
1978	1,653	1,651	3,956	38	8,298	75	88	35	46	244	8,542
1979	2,658	1,648	4,153	35	8,493	52	80	21	52	205	8,698
1980	2,675	1,666	4,226	43	8,610	46	71	23	63	202	8,812
1981	2,990	1,723	4,367	51	9,131	39	94	22	49	203	9,334
1982	2,944	1,615	4,668	58	9,284	38	96	16	55	205	9,489
1983	3,207	1,494	4,442	102	9,245	39	110	21	61	231	9,476
1984	3,655	1,589	4,800	129	10,172	52	92	29	78	251	10,423
1985	3,587	1,640	4,919	102	10,248	45	100	27	80	252	10,500
1986	3,359	1,661	5,054	138	10,213	63	109	33	94	299	10,512
1987	3,627	1,628	5,043	130	10,429	54	106	D	75	285	10,714

*Adjusted for exports of refined and further processed salad oil. Prior to January 1965 no adjustment made for exports of undeodorized hydrogenated oil. †Includes soap and miscellaneous. Sources: OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 89), USDA, Economic Research Service. FATS & OILS, PRODUCTION, CONSUMPTION & STOCKS (87/88), Bureau of Census. (D) Data withheld to avoid disclosing figures for individual companies.

U.S. SOYBEAN OIL: SUPPLY, DISPOSITION AND PRICE 1960 - 1988

Year Beginning October	Supply		Stocks		Disappearance			Price Per Pound (Tank Cars) Crude, Decatur (Cents)
	Production	Imports	October, 1	TOTAL	Exports	Domestic	TOTAL	
	(Million Pounds)	(Million Pounds)	October, 1	(Million Pounds)	(Million Pounds)	(Million Pounds)	(Million Pounds)	
1960	4,420	—	308	5,456	700 †	3,329	4,029	11.3
1965	5,800	—	297	6,097	923	4,687	5,635	11.8
1970	8,265	—	543	8,808	1,742	6,292	8,035	12.8
1971	7,892	—*	773	8,665	1,398	6,482	7,880	11.3
1972	7,501	—*	785	8,286	1,066	6,704	7,771	16.5
1973	8,995	—*	516	9,511	1,249	7,468	8,716	31.5
1974	7,375	—	794	8,169	1,028	6,580	7,608	30.7
1975	9,630	—	561	10,191	976	7,906	8,940	18.3
1976	8,578	—	1,251	9,828	1,547	7,454	9,061	23.9
1977	10,288	—	771	11,059	2,057	8,273	10,410	24.6
1978	11,323	—	729	12,052	2,334	8,942	11,353	27.2
1979	12,105	—	776	12,881	2,690	8,981	11,722	24.3
1980	11,270	—	1,210	12,480	1,631	9,113	10,744	22.7
1981	10,979	—	1,736	12,715	2,077	9,535	11,612	19.0
1982	12,040	—	1,103	13,143	2,025	9,857	11,882	20.6
1983	10,872	—	1,261	12,133	1,824	9,588	11,412	30.6
1984	11,468	20	721	12,209	1,660	9,917	11,577	29.5
1985	11,617	8	632	12,257	1,257	10,053	11,310	18.0
1986	12,783	15	947	13,745	1,187	10,833	12,020	15.4
1987	12,974	196	1,725	14,895	1,873	10,930	12,803	22.7
1988	11,548	200	2,092	13,840	1,300	10,600	11,900	21.0-22.0

†Includes estimates of foreign donations of fats and oils, not reported by census, 1960-64. *Less than 500,000 pounds. †Forecast. Source: OIL CROPS SITUATION & OUTLOOK REPORT, (Apr. 89), U.S. Department of Agriculture, Economic Research Service.

U.S. EDIBLE FATS AND OILS: SUPPLY AND DISAPPEARANCE
1979 - 1988 (Million Pounds)

	1981	1982	1983	1984	1985	1986	1987*	1988†
Stocks October 1								
Coconut	204	160	145	110	130	308	270	333
Corn	76	53	89	71	75	120	107	111
Cottonseed	80	104	90	50	107	85	90	160
Lard	36	24	40	33	41	22	29	39
Palm	58	47	69	51	53	72	40	62
Peanut †	16	58	32	33	18	62	49	24
Soybean	1,736	1,103	1,261	721	632	947	1,725	2,092
Sunflower	26	95	95	13	66	54	112	157
Tallow, edible	36	47	49	40	62	41	35	57
Imports								
Peanut	—	—	—	—	0	2	37	11
Coconut	960	882	916	891	1,217	1,087	1,074	937
Palm	218	282	413	373	610	463	361	310
Production								
Corn	872	983	1,053	1,195	1,241	1,400	1,435	1,449
Cottonseed	1,551	1,134	777	1,174	1,070	781	1,204	1,240
Lard	1,057	962	959	950	891	853	916	951
Peanut	175	107	120	187	258	144	145	225
Soybean	10,979	12,040	10,872	11,468	11,617	12,798	12,975	11,548
Sunflower	302	668	449	483	585	587	831	593
Tallow, edible	1,101	1,206	1,347	1,559	1,571	1,278	1,300	1,290
Exports								
Coconut	29	21	50	20	22	49	77	66
Corn	206	224	311	260	340	268	370	385
Cottonseed	848	546	303	433	442	193	346	440
Lard	114	95	78	99	112	101	120	130
Palm	10	4	29	0	0	0	0	0
Peanut	33	5	7	29	93	6	7	10
Soybean	2,077	2,025	1,823	1,660	1,257	942	1,636	1,300
Sunflower	224	505	414	287	452	344	703	463
Tallow, edible	94	95	59	40	63	59	112	150
Domestic disappearance								
Coconut	976	876	901	904	1,016	1,076	928	970
Corn	688	723	762	930	856	1,143	1,065	1,075
Cottonseed	680	604	532	684	650	573	750	850
Lard	955	851	891	840	798	744	787	800
Palm	218	256	402	370	590	507	342	330
Peanut	115	132	172	172	124	161	219	225
Soybean	9,536	9,857	9,589	9,917	10,053	10,833	10,734	10,600
Sunflower	139	95	117	143	144	185	88	187
Tallow, edible	996	1,110	1,308	1,486	1,530	1,243	1,184	1,155

*Estimate. †Forecast. ‡August-July year beginning 1981. Source: Bureau of Census.

U.S. SOYBEAN EXPORTS BY MONTH
(MILLION BUSHELS)
1953/54 - 1988/89

Year Beg. Sept.1	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	TOTAL
1953-54	1.1	5.8	10.1	7.7	3.7	2.5	1.7	3.2	1.6	1.0	1.0	0.7	40.1
1955-56	4.0	8.8	13.2	12.7	6.8	2.6	1.9	5.1	4.3	3.7	3.7	1.7	68.5
1960-61	8.2	14.1	22.7	20.6	9.1	10.2	8.5	7.7	11.4	7.7	7.7	7.0	134.9
1965-66	4.8	32.3	39.4	31.4	19.6	17.1	21.6	20.2	21.5	19.6	12.1	11.1	250.7
1966-67	5.5	29.4	40.6	29.8	21.9	20.4	17.5	21.7	21.8	20.0	16.8	16.2	261.6
1967-68	10.3	29.7	39.9	27.2	21.8	18.8	24.1	21.6	20.1	18.7	17.1	17.5	266.8
1968-69	13.9	32.8	50.0	38.5	1.2	11.4	36.6	34.3	23.8	14.0	18.2	12.1	286.8
1969-70	13.3	52.5	53.7	39.9	28.7	31.6	39.2	41.2	37.1	38.5	25.2	31.6	432.5
1970-71	29.9	44.0	45.3	46.9	35.1	33.0	35.1	32.8	30.2	34.9	34.4	31.3	432.9
1971-72	29.2	29.4	47.4	50.3	42.4	35.5	31.3	37.3	31.7	31.1	26.3	24.9	416.8
1972-73	15.0	54.3	61.2	49.1	47.7	54.7	59.1	45.5	41.0	26.5	14.2	11.0	479.3
1973-74	7.5	46.6	74.4	58.0	48.3	56.4	57.9	62.0	43.5	36.1	27.1	21.2	539.0
1974-75	22.9	32.2	63.2	41.4	50.0	33.3	38.4	35.8	25.1	14.0	31.0	33.4	420.7
1975-76	24.3	62.7	61.5	49.6	51.8	52.2	52.3	50.5	49.5	47.2	29.2	24.3	555.1
1976-77	22.2	60.1	67.4	56.7	50.9	59.9	58.4	57.0	55.1	31.0	27.2	18.1	564.0
1977-78	15.0	77.6	87.7	57.0	52.6	54.4	66.6	72.7	79.3	63.4	34.7	39.3	700.3
1978-79	38.0	87.5	101.7	70.6	77.0	53.2	83.6	67.8	47.0	41.0	32.7	39.7	739.8 *
1979-80	40.8	88.8	118.1	78.3	85.8	73.0	69.3	81.3	74.2	58.7	49.1	57.7	875.1
1980-81	41.4	60.3	75.0	74.5	71.7	55.5	103.2	60.0	69.6	41.8	29.6	41.8	724.4
1981-82	50.9	100.8	103.7	73.6	84.3	89.4	79.0	85.7	90.6	59.8	53.8	57.5	929.1
1982-83	58.0	94.4	93.6	90.1	86.3	87.2	84.4	73.3	58.5	67.7	51.6	60.2	905.3
1983-84	53.9	67.6	69.2	74.5	80.4	79.7	78.8	68.5	56.8	41.1	39.2	30.7	740.4
1984-85	19.0	40.9	93.5	84.8	70.3	72.6	59.8	60.4	33.1	18.2	19.2	26.3	598.1
1985-86	31.5	55.3	79.6	94.1	84.7	92.1	88.7	80.4	57.2	28.7	26.6	21.0	739.9
1986-87	30.2	89.7	96.6	89.0	71.6	73.8	67.8	54.0	37.5	38.0	54.2	54.5	756.9
1987-88	59.4	101.1	100.4	81.1	80.8	97.0	78.5	66.7	39.7	29.3	30.4	37.2	801.6
1988-89	26.9	50.2	61.3	69.3	66.6	56.8							550.0 †

*Bureau of Census figure. USDA figure 753., based on inspections for export. Figures may be adjusted in the future. † Preliminary. ‡ Forecast. Source: OIL CROPS SITUATION AND OUTLOOK REPORT, (Apr. 89); U.S. Department of Agriculture, Economic Research Service.

**U.S. SOYBEAN EXPORTS BY PORT AND
COUNTRY OF DESTINATION**
September 1987 - August 1988 (1,000 Bushels)

Country	St. Lawrence Seaway	Lakes	Atlantic	Gulf	Pacific	Interior	TOTAL
Australia	—	—	—	2,672	—	—	2,672
Belgium	—	914	—	26,677	—	—	27,591
Brazil	—	—	2,223	15,474	—	—	17,697
Bulgaria	—	—	919	1,704	—	—	2,623
China (PRC)	—	—	—	3,104	5,843	—	8,947
China (Taiwan)	—	—	—	59,501	10,071	—	69,572
Columbia	—	—	—	7,937	—	—	7,937
Costa Rica	—	—	—	1,532	—	—	1,532
Denmark	—	—	—	2,181	—	—	2,181
Dominican Republic	—	—	—	1,066	—	—	1,066
Egypt	—	—	686	2,124	—	—	2,810
Finland	—	265	—	—	—	—	265
French Guiana	—	—	—	187	—	—	187
France	—	596	—	14,200	—	—	14,796
Germany (Fed. Rep., W)	—	2,039	—	45,504	—	—	47,543
Greece	—	1,274	—	8,331	—	—	9,605
Haiti	—	—	—	10	—	—	10
Honduras	—	—	—	601	—	—	601
Indonesia	—	—	—	7,791	4,103	—	11,894
Israel	—	—	—	16,692	—	—	16,692
Italy	—	—	—	3,527	—	—	3,527
Jamaica	—	—	—	1,397	—	—	1,397
Japan	—	420	17,619	124,083	160	11	142,293
Korea (Republic of, S)	—	—	—	30,320	10,000	29	40,349
Kuwait	—	—	246	357	—	—	603
Lebanon	—	—	—	2	—	—	2
Malaysia	—	—	—	668	509	—	1,177
Mexico	—	—	—	12,112	954	21,950	35,016
Morocco	—	607	—	399	—	—	1,006
Netherlands	—	12,094	2,284	146,750	—	—	161,128
Norway	—	—	—	8,305	—	—	8,305
Panama	—	—	—	48	—	—	48
Peru	—	—	—	772	—	—	772
Philippines	—	—	—	195	—	—	195
Portugal	—	3,687	3,541	14,200	—	—	21,428
Romania	—	—	—	9,659	—	—	9,659
Spain	—	11,036	3,285	43,748	—	—	58,069
Trinidad	—	—	—	3,024	—	—	3,024
United Kingdom	—	1,996	—	19,256	—	—	21,252
U.S.S.R.	—	—	3,324	27,196	—	—	30,520
Venezuela	—	—	—	6,564	—	—	6,564
Yugoslavia	—	—	629	5,144	—	—	5,773
Totals:							
Sep. 87-Aug. 88	0	34,928	34,756	675,014	31,640	21,990	798,328
Sep. 86-Aug. 87	4,574	37,194	23,039	658,916	18,248	23,361	765,332
Sep. 85-Aug. 86	4,757	20,980	63,212	613,808	18,807	16,699	738,263
Sep. 84-Aug. 85	5,878	21,984	65,748	453,753	23,859	23,647	594,869
*Shipments to Canada	0	4,671	0	0	0	0	4,671

*Not included in total. Grain shipped for storage in Canada is reported at time of shipment from St. Lawrence Seaway ports. Source: GRAIN & FEED MARKET NEWS (Oct. 88), U.S. Department of Agriculture, Agriculture Marketing Service.

U.S. EXPORTS: SOYBEANS

Volume of Exports by Country of Destination (in Metric Tons) and Total Value

Country or Region of Destination	1984	1985	1986	1987	1988*
North America:					
Canada	259,617	133,515	167,399	195,927	105,248
Mexico	1,576,293	962,929	823,086	1,042,633	1,176,516
Other	119,420	101,482	133,136	221,161	194,596
Total	1,955,330	1,197,926	1,123,621	1,459,721	1,476,360
South America:					
Brazil	0	194,820	325,118	450,198	31,501
Colombia	98,203	130,174	2,713	198,574	196,056
Equador	22,779	0	0	0	0
Peru	2,382	0	15,750	5,250	21,011
Venezuela	113,457	165,996	159,733	235,034	124,977
Other	1,187	0	245	0	5,085
Total	238,008	490,990	503,559	889,056	378,630
Europe and Russia:					
Belgium & Luxembourg	898,079	529,091	960,308	886,196	583,580
Czechoslovakia	0	13,209	0	0	0
Denmark	99,626	72,251	57,131	55,076	44,638
France	540,779	257,234	438,614	421,308	226,716
Germany, Fed. Rep. of	741,946	846,461	1,165,795	1,438,472	979,848
Germany, Dem. R.	12,076	0	12,216	0	0
Greece	145,100	205,541	207,004	215,722	226,610
Ireland	0	0	3,992	4,010	45
Italy	582,516	627,778	743,052	396,230	118,783
Netherlands	3,323,948	2,856,583	3,427,609	3,971,006	3,369,111
Norway	183,199	126,701	226,957	202,742	148,831
Poland	73,879	0	0	0	0
Portugal	608,853	517,653	537,822	611,395	356,856
Romania	369,414	97,504	238,904	407,916	237,923
Soviet Union	46,201	0	1,518,594	221,334	750,276
Spain	1,633,409	1,185,643	1,783,812	1,724,804	1,153,273
Switzerland	255,907	4,285	6,236	4,762	2,096
United Kingdom	286,252	392,010	474,046	390,090	509,729
Yugoslavia	301,622	234,900	178,503	139,305	194,652
Other	32,744	31,766	50,300	45,117	58,274
Total	10,135,550	7,998,610	12,030,895	11,135,485	8,961,241
Middle East:	420,639	433,355	410,467	459,354	458,526
Africa	28,372	20,285	162,521	91,267	67,702
Asia					
China:					
P.R.C.	0	63,001	124,495	429,123	0
Taiwan	1,312,722	1,358,092	1,735,037	1,871,800	1,794,231
India	0	0	0	0	25,000
Indonesia	254,712	51,871	52,828	125,888	182,450
Japan	4,138,591	4,297,265	4,225,283	3,928,901	3,706,130
Korea, Rep. of	660,260	827,792	1,012,712	1,139,543	975,827
Pakistan	199	0	0	0	0
Other	55,851	0	14,275	30,659	47,457
Total	6,422,335	6,598,021	7,164,630	7,525,914	6,731,095
Australia & Oceania:	42,242	40	10	31,645	62,971
Other Unidentified:	240,060	149,976	0	0	0
GRAND TOTAL†	19,482,536	16,889,203	21,395,703	21,592,442	18,136,525
VALUE OF EXPORTS:					
Total (Mil. \$)	5,418	3,728	4,326	4,378	4,863

*Prelim. †Includes Canadian transshipments. Source: Foreign Agricultural Trade of the U.S., by the Commodity & Trade Analysis Branch, Economic Research Service, Commodity Economics Div.

U.S. EXPORTS: SOYBEAN OILSEED CAKE & MEAL†
Volume of Exports by Country of Destination (In Metric Tons) and Total Value

Country or Region of Destination	1984	1985	1986	1987	1988*
North America:					
Canada	483,427	492,841	678,097	745,621	706,539
Mexico	49,050	82,174	108,008	50,561	332,299
Other	209,885	264,256	214,180	263,284	298,268
Total	742,362	839,271	1,000,285	1,059,466	1,337,106
South America:					
Brazil	0	0	0	0	0
Colombia	11,000	6,797	0	0	10,456
Ecuador	7,348	0	0	0	0
Peru	8,005	26,523	51,321	63,655	58,110
Venezuela	534,155	729,210	446,561	695,475	851,346
Other	13,013	15,690	10,711	3,263	240
Total	573,521	778,220	508,593	762,393	920,152
Europe and Russia:					
Belgium & Luxembourg	7,403	0	0	44,128	0
Czechoslovakia	0	0	0	0	0
Denmark	0	0	9,944	5,124	0
France	0	0	37,235	40,985	23,845
Germany, Fed. Rep. of	636,595	336,567	484,259	711,206	169,420
Germany, Dem. R.	0	47,250	116,447	26,249	0
Greece	2,613	13,283	14,972	19,131	0
Ireland	12,921	6,717	19,910	28,221	29,563
Italy	422,214	556,003	878,163	726,768	543,572
Netherlands	673,540	1,030,539	1,146,444	764,009	508,523
Norway	0	0	0	0	0
Poland	209,655	80,601	0	26,907	0
Portugal	0	0	22,997	35,167	14,269
Romania	0	24,234	26,249	10,997	19,800
Soviet Union	0	0	0	270,881	1,121,971
Spain	13,894	125,714	117,009	98,311	71,193
Switzerland	29,125	0	0	0	0
United Kingdom	48,689	13,904	67,358	83,556	29,633
Yugoslavia	59,384	59,399	118,436	96,996	93,229
Other	140,816	113,337	104,851	71,923	32,709
Total	2,256,849	2,407,548	3,164,274	3,060,559	2,657,727
Middle East:	296,038	336,649	369,692	438,458	548,674
Africa	21,634	121,612	397,301	394,112	629,370
Asia					
China:					
P.R.C.	0	0	0	3,456	0
Taiwan	481	0	0	0	84
India	0	0	0	0	0
Indonesia	80,244	0	206,640	0	0
Japan	18	6,149	52,518	21,109	32,986
Korea, Rep. of	27,516	20,382	21,997	48,193	0
Pakistan	2,032	4,622	0	0	1,067
Other	376,330	170,446	199,659	96,265	110,567
Total	486,621	201,599	480,814	169,023	144,704
Australia & Oceania:	23,343	26,998	39,380	37,191	44,674
GRAND TOTAL	4,400,368	4,711,897	5,960,339	5,921,202	6,282,407
VALUE OF EXPORTS:					
Total (Mil. \$)	997	870	1,229	1,211	1,580

†Includes soybean flour and meal. *Prelim. Source: Foreign Ag. Trade of the U.S., Commodity & Trade Analysis Branch, Econ. Research Service, Commodity Econs. Div.

U.S. EXPORTS: SOYBEAN OIL†

Volume of Exports by Country of Destination (In Metric Tons) and Total Value

Country or Region of Destination	1984	1985	1986	1987	1988*
North America:					
Canada	15,682	7,425	6,710	6,095	6,741
Mexico	88,314	37,580	38,333	20,756	16,402
Other	113,450	82,094	53,780	84,418	37,844
Total	217,446	127,099	98,823	111,269	60,987
South America:					
Brazil	35,697	9	0	0	0
Colombia	33,469	10,974	7,200	373	0
Equador	47,910	40,152	10,304	18,868	29,835
Peru	15,768	10,966	1,644	909	2,491
Venezuela	75,286	23,660	16,846	15,121	5,702
Other	1,587	2,872	2,154	2,791	2,524
Total	209,717	88,633	38,148	38,062	40,552
Europe and Russia:					
Belgium & Luxembourg	338	66	0	0	0
Czechoslovakia	0	0	0	0	0
Denmark	1	0	0	2	0
France	288	0	0	168	84
Germany, Fed. Rep. of	4	537	1	178	719
Germany, Dem. R.	0	0	0	0	0
Greece	22	0	0	0	0
Ireland	0	0	0	0	0
Italy	0	0	0	0	18
Netherlands	0	56	0	1,490	3
Norway	0	0	0	0	41
Poland	8,304	4,139	4,230	1,230	0
Portugal	0	0	0	0	0
Romania	0	0	0	0	0
Soviet Union	0	39,500	0	0	0
Spain	1	1	0	32	0
Switzerland	0	0	2	0	0
United Kingdom	178	27	68	71	469
Yugoslavia	0	0	0	0	0
Other	59	16	15	12	28
Total	9,195	44,342	4,316	3,183	1,362
Middle East:	1,840	2,192	1,012	6,406	17,556
Africa	78,675	118,130	68,019	139,997	157,406
Asia					
China:					
P.R.C.	9,836	21	0	0	0
Taiwan	1,241	0	52	20	44
India	196,866	20,795	36,495	59,340	147,987
Indonesia	5,075	24	365	134	123
Japan	4,692	1,218	724	924	465
Korea, Rep. of	18	4	142	21	25
Pakistan	243,030	172,561	261,174	236,675	425,350
Other	28,990	10,644	30,431	33,725	23,587
Total	489,748	205,267	329,383	330,839	597,581
Australia & Oceania:	1,902	628	755	209	49
GRAND TOTAL	1,008,517	586,289	540,456	629,965	875,493
VALUE OF EXPORTS;					
 Total (Mil. \$)	757	432	253	263	477

†Crude and refined oil combined as such, excluding partially hydrogenated soybean salad oil. Includes shipments under P.L. 480 as reported by census. *Prelim. Source: Fgn. Ag. Trade of the U.S., by the Commodity & Trade Analysis Branch, Econ. Research Service, Commodity Econs. Div.

U.S. EXPORTS: SOYBEAN OIL
P.L. 480, Title I and III
Volume (In Metric Tons) and Volume (In \$1,000) By Country of Destination

Country	FY 1984		FY 1985		FY 1986		FY 1987		FY 1988	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Bangladesh	14,348	\$8,999	14,300	\$10,000	25,000	\$10,000	27,700	\$10,000	17,200	\$10,000
Costa Rica	—	—	—	—	—	—	—	—	—	—
Dominican Rep.	—	—	27,500	18,300	17,500	5,800	57,700	20,100	—	—
El Salvador	12,874	9,071	—	—	25,600	11,500	3,500	1,700	—	—
Guatemala	1,408	1,222	6,600	5,800	12,600	5,000	6,800	2,500	—	—
Guinea	—	—	—	—	—	—	—	—	—	—
Guyana	—	—	—	—	—	—	1,100	700	—	—
Haiti	4,009	2,999	4,000	3,000	12,100	5,000	9,200	4,000	—	—
Jamaica	1,800	1,599	6,200	4,500	—	—	700	400	—	—
Madagascar	1,102	1,000	—	—	7,000	4,000	12,400	6,000	—	—
Maldives	—	—	6,000	5,000	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	56,800	21,000	27,000	16,000
Pakistan	60,973	49,995	84,300	59,400	126,400	50,000	137,600	50,000	137,800	80,000
Peru	—	—	13,600	8,000	—	—	—	—	—	—
Somalia	5,816	5,499	8,500	8,000	13,900	7,700	—	—	—	—
Tunisia	—	—	—	—	—	—	—	—	—	—
Zambia	8,536	5,491	8,800	5,000	12,900	5,000	—	—	6,800	4,000
Total	110,866	\$85,875	179,800	\$127,000	253,000	\$104,000	313,500	\$116,400	188,800	\$110,000

Sources: U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

U.S. EXPORTS
SOYBEAN, COTTONSEED AND SUNFLOWERSEED OILS
 U.S. Commercial and P.L. 480 Exports
 Volume of Exports by Country of Destination and Total Value
 (Year Beginning in October)

Country or Region of Destination	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
	(Thousand Metric Tons)					
North America:						
Canada	16	20	24	15	15	16
Mexico	106	93	92	190	50	56
Total	122	113	116	205	65	72
Caribbean:						
Haiti	20	13	17	9	15	3
Dominican Republic	46	43	53	18	52	40
Other	16	15	15	5	11	39
Total	82	71	85	32	78	82
Central America:						
Guatemala	22	10	28	21	32	13
El Salvador	20	20	19	32	18	34
Panama	16	16	9	3	3	4
Other	11	10	10	7	1	3
Total	69	56	66	63	54	54
South America:						
Columbia	70	25	22	9	2	—
Venezuela	164	156	175	115	110	80
Ecuador	50	41	45	31	22	19
Peru	70	25	12	9	1	1
Others	4	3	35	2	0	3
Total	358	250	289	166	135	103
European Community:	38	28	18	18	7	33
Other Western Europe:	—	—	—	4	1	9
East Europe & Russia:						
Poland	9	10	6	3	2	0
Soviet Union	0	0	8	0	0	0
Yugoslavia	132	0	—	9	0	0
Total	141	10	14	12	2	0
Middle East:	2	9	10	19	49	111
North Africa:						
Morocco	9	2	4	4	60	36
Algeria	24	9	—	—	0	71
Tunisia	6	0	0	0	0	62
Egypt	82	90	65	43	2	54
Total	121	102	69	47	62	223
Other Africa:	64	67	110	60	63	64

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U.S. EXPORTS
SOYBEAN, COTTONSEED AND SUNFLOWERSEED OIL
 U.S. Commercial and P.L. 480
 Volume of Exports by Country of Destination and Total Value
 (Year Beginning in October)

Country or Region of Destination	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
	(Thousand Metric Tons)					
South Asia:						
India	55	169	62	38	47	172
Pakistan	237	200	168	275	147	397
Bangladesh	24	15	14	14	37	17
Other	1	1	1	5	0	1
Total	316	385	245	328	231	587
Other Asia:						
Thailand	4	6	9	4	1	—
Singapore	—	3	—	—	—	—
Philippines	7	3	3	3	6	7
China, P.R.C.	0	—	—	—	—	—
Korea	3	3	3	4	6	12
Japan	50	37	35	35	30	36
Other	7	2	5	—	2	1
Total	71	54	55	46	45	56
Australia & Oceania:	9	2	2	1	—	—
GRAND TOTAL	1,395	1,148	1,079	976	792	1,354
Total Soybean Oil Exports	918	823	753	570	538	850
P.L. 480 Title I	165	111	175	253	314	189
P.L. 480 Title II	121	142	124	102	65	83
Commercial, including CCC programs	632	570	454	215	159	578
Value of Soybean Oil Exports						
Total (Thousand \$)	\$461,677	\$617,286	\$558,195	\$291,755	\$222,944	\$436,813
Per Pound (cents)	23	34	34	23	19	23
Total						
Cottonseed Oil Exports	247	137	196	201	98	185
P.L. 480 Title I	16	3	23	47	14	47
Value of						
Cottonseed Oil Exports						
Total (Thousand \$)	\$130,796	\$97,048	\$137,517	\$108,327	\$47,204	\$94,587
Per Pound (cents)	24	32	32	24	22	23
Total						
Sunflowerseed Oil Exports	229	188	130	205	156	319
P.L. 480 Title I	9		6	7	4	64
Value of						
Sunflowerseed Oil Exports						
Total (Thousand \$)	\$116,316	\$127,340	\$89,038	\$109,551	\$67,093	\$145,188
Per Pound (cents)	23	31	31	24	19	21

Note: Figures may not total due to rounding. (—) denotes less than 500 metric tons. All figures rounded to nearest 1,000 metric tons. Source: U.S. Bureau of Census, U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

U.S. EXPORTS SOYBEAN and COTTONSEED OILS
U.S. Commercial and P.L. 480 Exports
1950 - 1988 (Million Pounds)

Year Beg. Oct.	Commercial				P.L. 480			GRAND TOTAL	% P.L. 480
	Barter	CCC Credit	Other†	Total	Title I*	Title II*	Total		
SOYBEAN OIL									
1950	—	—	490	490	—	—	—	490	—
1955	—	—	274	274	282	—	282	556	51
1960	—	—	283	283	417	21	438	721	61
1965	176	21	182	379	324	220	544	923	59
1970	599	209	131	939	564	239	803	1,742	46
1975	—	—	779	779	182	15	197	976	20
1976	—	159	1,025	1,184	278	86	364	1,548	24
1977	—	154	1,531	1,685	368	4	372	2,057	18
1978	—	417	1,591	2,009	112	214	326	2,335	14
1979	—	214	1,996	2,210	240	240	480	2,690	18
1980	—	185	850	1,035	299	297	596	1,631	37
1981	—	355	1,176	1,531	352	194	546	2,077	26
1982	—	747	675	1,442	365	238	603	2,045	30
1983	—	214	1,043	1,257	244	313	557	1,814	31
1984	—	288	714	1,002	385	273	658	1,660	23
1985	—	231	546	777	253	227	480	1,257	38
1986	—	390	84	474	558	225	783	1,257	62
1987	—	121	229	350	692	143	835	1,185	70
1988	—	804	473	1277	414	183	597	1,874	32
COTTONSEED OIL									
1950	—	—	57	57	—	—	—	57	—
1955	3	—	306	309	290	6	296	605	49
1960	—	—	287	287	68	14	82	369	22
1965	51	—	154	205	65	2	67	272	25
1970	186	22	153	361	9	1	10	371	3
1975	—	—	507	507	—	—	—	507	—
1976	—	—	690	690	—	—	—	690	—
1977	—	—	758	758	—	—	—	758	—
1978	—	—	650	650	11	—	11	661	2
1979	—	—	702	702	26	—	26	728	4
1980	—	—	702	702	8	—	8	710	1
1981	—	—	800	800	47	—	47	847	6
1982	—	—	511	511	35	—	35	546	6
1983	—	—	296	296	7	—	7	303	2
1984	—	—	382	382	50	—	50	432	11
1985	—	—	395	395	47	—	47	442	11
1986	—	—	340	340	104	—	104	444	23
1987	—	—	185	185	31	—	31	216	14
1988	—	2	304	306	103	—	103	409	14

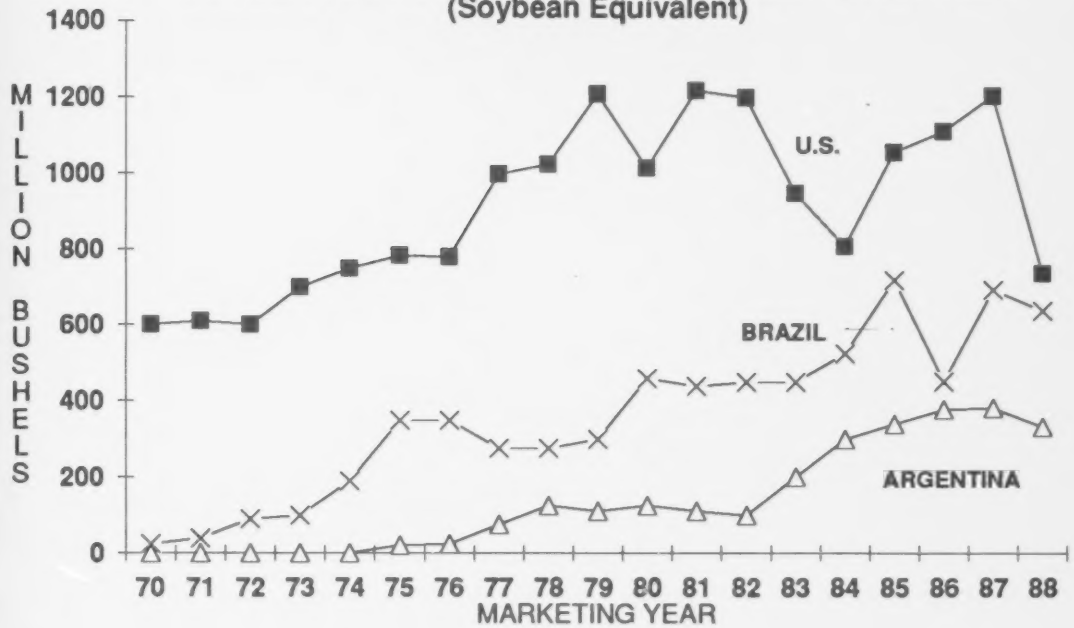
†Includes dollar financing by AID. *Includes all sales programs, i.e., foreign currencies, relief agencies and disaster and other relief by AID. Source: Total exports as reported by Bureau of Census. Breakdown between dollars and P.L. 480 from USDA, Foreign Agricultural Service, Oilseeds and Products Division.

**BRAZILIAN EXPORTS
SOYBEANS AND PRODUCTS TO MAJOR COUNTRIES**
(Thousand Metric Tons)

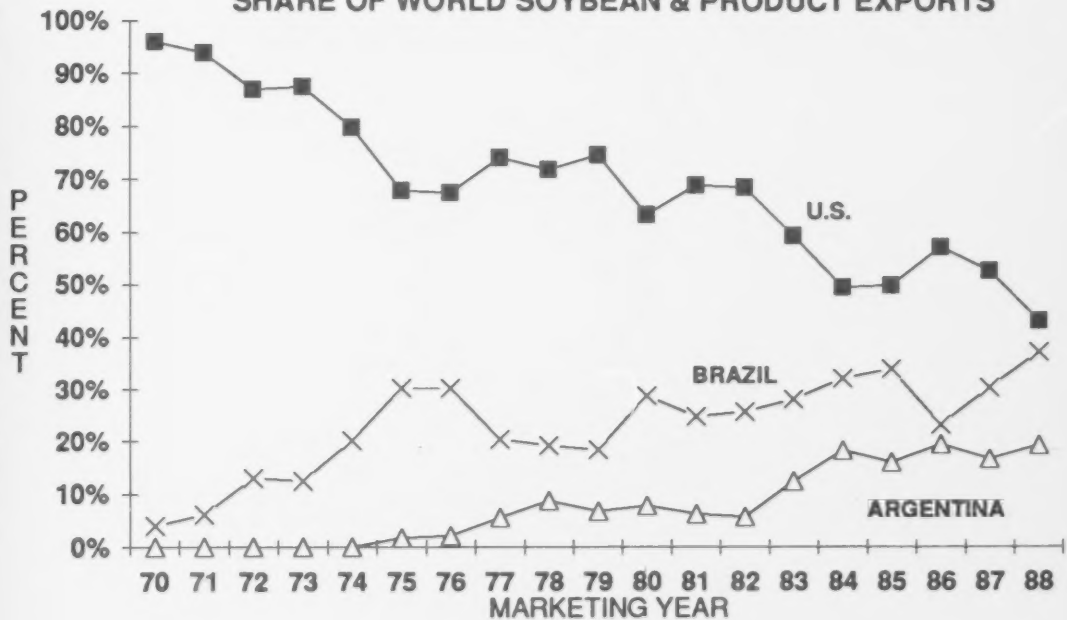
	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Soybeans										
European Community	365	376	574	185	18	416	656	2,262	1,001	2,354
Other Western Europe	200	155	770	530	27	536	529	709	5	49
Eastern Europe*	32	45	118	497	255	128	0	72	56	286
Central & So. America	1	1	45	224	187	121	354	78	10	5
Other	61	61	42	14	14	94	22	371	128	330
Total	659	638	1,549	1,450	501	1,295	1,561	3,492	1,200	3,024
Soybean Meal										
European Community	3,934	3,418	4,325	5,285	4,347	4,711	4,141	6,283	5,260	3,952
Other Western Europe	137	188	141	67	86	364	564	785	8	0
Asia	475	530	754	911	891	777	455	290	409	121
Eastern Europe†	738	982	1,333	2,482	2,306	2,482	2,322	1,090	1,192	2,933
Other	135	53	29	144	170	162	116	152	94	796
Total	5,419	5,171	6,582	8,889	7,800	8,496	7,598	8,600	6,963	7,802
Soybean Oil										
Bangladesh	7	0	12	7	0	0	3	3	13	14
Chile	10	16	10	18	18	54	70	66	2	2
Colombia	5	0	0	39	11	22	3	0	0	0
India	183	240	250	561	320	468	397	311	99	254
Iran	105	68	218	228	257	248	188	200	94	319
Morocco	3	6	0	12	36	19	10	16	3	11
Netherlands	11	19	35	55	10	64	27	31	9	22
Pakistan	85	93	61	53	32	37	50	0	—	9
People's Rep. of China	53	46	21	24	25	0	0	0	89	149
Peru	0	—	4	21	9	0	2	—	0	0
Tunisia	0	5	3	—	0	0	4	8	0	0
Turkey	0	0	0	0	3	6	0	8	7	7
USSR	0	17	32	75	74	54	73	153	20	60
Other	42	24	98	188	54	99	101	158	60	142
Total	504	534	744	1,281	849	1,071	928	954	396	989

*Includes soybean exports to the Soviet Union. †Includes soybean meal exports to the Soviet Union. — Less than 500 MT. Source: U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

SOYBEAN & PRODUCT EXPORTS BY MAJOR COUNTRIES (Soybean Equivalent)



SHARE OF WORLD SOYBEAN & PRODUCT EXPORTS



— Notes/Calculations—

Soya Glossary and Standards & Specifications

•Soya Glossary

Commonly Used Soya Terms Page 336

•Standards & Specifications

National Soybean Processors Association (NSPA)
Yearbook and Trading Rules, 1988-1989 340

Association of American Feed Control Officials, Inc. (AAFCO)
AAFCO Official Publication 1989 341

United States Department of Agriculture
Official United States Standards for Grain 1988 343

Soya Glossary

Acidulated Soybean Soapstock - The product that results from the complete acidulation of soybean soapstock. Contract grade should contain not less than 85% total fatty acid.

Amino Acids - Chief components and determinants of the characteristics of a protein; the building blocks of living tissues. Eighteen different amino acids commonly occur in our food supply and eight are considered essential because the body cannot make them.

Break Material - Flocculent material (precipitate) that appears in and can be separated from crude soy oil that has been rapidly heated to temperatures between 250°C and 300°C (482°F and 572°F). It is very high in ash content, rich in phosphorus, calcium and magnesium. It is presumed to be derived from phospholipids which are thermally decomposed at these high temperatures. Break material is sometimes referred to as "foots".

Cold Pressed Soy Oil - Soy oil produced from undamaged, mature, cleaned yellow soybeans by mechanical processing without application of heat, and then filtered. Such oil is usually sold in health food stores.

Crude Soy Oil - Sometimes referred to as crude raw soybean oil; the unrefined oil produced by any one of the procedures described for the extraction of oil from soybeans. It is customary to filter the oil and/or allow it to settle after being processed from the soybeans as required by the standard trade specifications. Crude soy oil is a mixture of triglycerides composed of unsaturated fatty acids (oleic, linoleic, linolenic) and saturated fatty acids, together with usually not more than 1.5% of free fatty acids and from 1.8% to 3.2% of phospholipids, depending on the quality and kind of soybeans and the procedure used in processing.

Defatted Soy Flour - Flour produced by the nearly complete removal of the oil from soybeans by the use of hexane or other homologous hydrocarbon solvents; usually contains about 1% fat.

Degummed Soy Oil - Sometimes referred to as crude degummed soy oil; The product resulting from washing crude soy oil with water and/or steam or another degumming agent for a specified period of time and then separating the oil-and-water mixture, usually by centrifugation, to remove the phosphatides. It shall not contain more than 0.02% of phosphorus without a discount penalty.

Edible Crude Soy Oil - Soy oil which shall be of any of the following designated types produced from mature yellow soybeans: (1) expeller pressed, (2) expeller pressed degummed, (3) hydraulic pressed, (4) hydraulic pressed degummed, (5) solvent extracted, (6) solvent extracted degummed and (7) mixtures of any of the above-described types. When the oil is produced by solvent extraction, the name of the solvent used in the process must be given.

Edible Refined Soy Oil - Crude or degummed soy oil which has been subjected to special refining processes to adapt it specifically for use in food products. In addition to treatment with alkali, bleaching, partial hydrogenation, the oils may be also winterized. These oils are further classified as salad oils, cooking oils or shortening.

Full-Fat Soy Flour - Flour containing all of the oil originally present in the raw soybeans; usually 18 to 20%.

Fully Refined Soy Oil - The edible oil produced from crude or degummed soy oil which has been treated with dilute alkali solution (caustic refining) or neutralization, treated with absorbent clay

materials (bleaching) and subjected to steam distillation at high temperatures under vacuum (deodorizing). Such oil may also be produced by a process called physical (steam) refining which consists of degumming, bleaching and neutralization by final step of deodorizing.

High-Fat Soy Flour - Flour produced by adding back soy oil and/or lecithin to defatted soy flour to a specified level, usually in the range of 15%.

Hydrogenated Soy Oil - During the process of hydrogenation, the soy oil is exposed to hydrogen gas in the presence of heat and a catalyst (nickel, copper chromite) and the hydrogen combines with certain of the chemical components (unsaturated fatty acids) of the triglycerides with a resultant increase in the melting point of the oil; sometimes referred to as "hardening."

Isolated Soy Protein - Protein which has been greatly concentrated from its native location by chemical or mechanical means. It is produced by extracting white flakes or flour with water or a mild alkali. Isolate generally has a protein content of 90%.

Lecithinated Soy Flour - A type of low-fat or high-fat soy flour in which lecithin is added to defatted soy flour to a specified level, usually in a range up to 15%.

Low-fat Soy Flour - Flour produced either by partial removal of the oil from soybeans or by adding back soy oil and/or lecithin to defatted soy oil to a specified level, usually in the range of 5% to 6%.

Meat Analogs - Material usually prepared from vegetable protein to resemble specific meats in texture, color and flavor.

Meat Extenders - Use of soy or other vegetable proteins as partial substitutes for meat in processed items such as patties, chili, casseroles, etc.

Miso - A fermented, whitish-brown to brown paste made from soaked, steam-heated soybeans which are inoculated with cultures of microorganisms grown on rice or barley and then allowed to ferment. One method of fermentation is called the "natural brewing process" in which the soybeans are allowed to ferment for approximately 9 months; the other method is known as "the quick brewing process" in which the miso is produced in a short time by reducing the length of time for processing (heating) the soybeans and the fermentation. A sweet type or a salty type may be produced. Miso can be used as a soup base or as a seasoning for meat, vegetables or tofu.

Once Refined Soy Oil - Oil produced from crude soy oil which has been subjected only to the dilute alkali solution (refining) treatment or a comparable chemical treatment.

Protein - A naturally occurring combination of amino acids, containing carbon, hydrogen, oxygen, nitrogen and usually sulphur. Protein is one of the essential constituents of all living things and of the diet of animal organisms.

Soy Grits and/or Flour - The ground, screened, graded product obtained after extracting most of the oil from selected, sound, clean, dehulled soybeans. They are produced from grinding the defatted soy flakes. Grits are coarser ground than soy flour. Protein range is 40% to 60%.

Soy Protein Concentrate - Produced from defatted soybean flakes or flour by a process which immobilizes the protein and removes soluble sugars, mineral, etc. Concentrate has a protein content of 70%.

Soy Sauce (Shoyu) - A seasoning sauce of soybean protein mixed with wheat flour, resulting from the action of molds, yeasts and bacteria as prepared by the Oriental method. The fermentation or enzymatic action is permitted to progress for up to one and a half years, at which time the extract is heated and processed to produce the liquid for edible purposes. Soy sauce may also be prepared by chemical (acid) hydrolysis of soybean protein. It is used as a seasoning in the preparation of foods and as a table condiment.

Soybean(s) - A legume, the botanical name of which is *Glycine max* (L.) Merrill; a summer annual varying in height from less than a foot to more than 6 feet and in habit of growth from stiffly erect to

Commonly Used Soya Terms

prostrate; the cultivated plant may reach a height of 3 feet or more. The seeds (soybeans) are borne in pods that grow in cluster of three to five with each pod usually containing two or three or more seeds. The oil content of the soybean varies from 13% to 26% (average 18% to 22%) and from 38% to 45% protein (on a moisture-free basis.) Soybeans were grown for centuries in the Orient and first introduced to the United States early in the 19th century. Soybeans grow best in areas having hot, damp summer weather but they can be grown under a great variety of climatic conditions. The term "soybean" has been accepted as standard in the United States in preference to "soya bean," "soy bean," "soya-bean," or "soja bean." It is incorrect to use the terms "beans" when referring to soybeans.

Soybean Cake - Product resulting from the extraction of part or all of the oil by pressure or solvents from soybeans, sold according to its protein content and further described by its process of manufacture. (For more information see *NSPA Standard Definitions*, immediately following this section.)

Soybean Extraction/Processing - The procedures involved in the separation of the oil and the protein meal; also called "crushers" or oil mill operations. There are two types of processes presently used in the United States for this purpose:

(1) **Solvent Extraction** - The process whereby the oil is leached or washed (extracted) from flaked soybeans by the use of commercial hexane as the solvent. The level of oil in the extracted flakes can be reduced to 1% or less by this processing method. The products resulting from the use of this process are designated in the trade as "solvent extracted," e.g. "solvent extracted soybean meal," "dehulled solvent extracted soybean meal," "solvent extracted soy grits", "solvent extracted soy flour." Practically all soybeans processed in the United States are processed by the solvent extraction system.

(2) **Continuous Pressing** - A continuous pressing process, at elevated temperatures, using expellers or screw presses which utilize a worm shaft continuously rotating within a pressing cylinder or cage to express the oil from soybeans after they have been ground and properly conditioned. The oil content of the resulting press cake is reduced to from 4% to 6% by this processing method. Although technically incorrect, the products resulting from this type of processing are often referred to as "expeller," e.g. "expeller soybean meal." (The term "Expeller" applies specifically to the screw press manufactured by Anderson IBEC of Strongsville, Ohio, whereas the screw press manufactured by the French Oil Mill Machinery Co. of Piqua, Ohio, is designated as a "mechanical screw press.")

A third type of processing, called **Batch Pressing**, is not used at present in the United States to any appreciable extent but is used in some parts of the world for recovering the oil from soybeans and other oil-bearing materials. It is the oldest process known to the vegetable oil processing industry. It consists of an intermittent pressing operation carried out at elevated temperatures in a mechanical or hydraulic press after the soybeans have been rolled into flakes and properly conditioned by heat treatment.

Soybean Fatty Acids - The product obtained when glycerine is split off from the triglycerides in soy oil by any method of hydrolysis. In the field of industrial usage, soybean fatty acids are usually further classified according to the treatment to which they are subjected subsequent to hydrolysis.

Soybean Meal - Ground soybean cake, ground soybean chips or ground soybean flakes, sold according to its protein content and further described by its process of manufacture. Typical composition: protein 44.0% minimum, fat 0.5% minimum, fiber 7% minimum and moisture 12.0% maximum. (For more information see *NSPA Standard Definitions*, immediately following this section.)

Soybean Lecithin - The mixed phospholipids product obtained from soy oil by the degumming process, contains lecithin, cephalin and inositol phosphatides, together with glycerides of soy oil and traces of tocopherols, glucosides and pigments. It is designated and sold according to conventional descriptive grades with respect to consistency and bleaching. The dehydrated emulsion of mixed phosphatides and soy oil is further processed to produce the commercial grades which may be described as follows: plastic or firm consistency; soft consistency; fluid; unbleached; bleached; and double bleached. High quality commercial lecithin contains 60% to 65% phosphatides.

- Soybean Processor** - An individual, or a group of two or more individuals working together as a company or firm whose primary business is the separation of the oil and meal in soybeans. The activities of a processor may also include refining and/or distribution of the oil as well as distribution of the soybean meal or soy protein.
- Soybean Soapstock** - The by-product that results from the alkali refining of soy oil; averages about 6% of the volume of crude oil refined. It is sometimes referred to as "foots" since it accumulates at the bottom (foot) of the refining tank. Contract grade should contain not less than 30% total fatty acid.
- Soyfoods** - Term for edible (primarily for human consumption) soy-based products. These include traditional soyfoods such as tofu, soymilk, tempeh, soy sauce etc.; soy protein products produced after processing (as described above) such as soy flour, soy concentrates and isolated soy proteins; soy oil products such as refined soy oil, hydrogenated soybean oil and soybean lecithin; and, other edible by-products such as soybean hulls and soy fiber. Also, "second generation" soyfoods, a term to describe consumer oriented products that use a soyfood as a primary ingredient, such as tofu or soymilk-based nondairy frozen desserts or tofu-stuffed ravioli.
- Soymilk** - A protein-rich, milk-like liquid obtained from the soaking and grinding of whole soybeans with water or hydrating whole, full-fat soy flour; cooking the resultant slurry, and filtering all or part of the soy pulp or fiber from the cooked liquid. Soymilk prepared in this manner can be used to make tofu, drunk as is, or sweetened and flavored as a beverage.
- Soynuts (Whole soybean snacks)** - Roasted whole soybeans. Oil roasted and dry roasted. Available plain, whole or crumbled; and flavored with a confectionery or seasoning coating.
- Technical Grade Refined Soy Oil** - Includes a wide variety of soy oils that are specially refined and further processed to meet requirements and/or specifications for a definite industrial use.
- Tempeh** - A soyfood product developed in Indonesia in which soybeans are soaked overnight and then cooked for a short time; the cooked soybeans are inoculated with the fungus *Rhizopus oryzae* and allowed to stand for 24 hours at 88°F (31°C) to permit optimum growth of the mycelium of the organism. The finished product resembles a pressed soybean cake. Tempeh can be eaten as is or cooked by frying or roasting.
- Textured Vegetable Protein** - Soy or other vegetable protein that has texture imparted by spinning a fiber and combining the fiber in layers to achieve the desired texture, or by a thermoplastic extrusion process.
- Toasting** - The term commonly but erroneously applied to the processes (moist) of cooking soybean meal, flour or grits by atmospheric or pressure methods for the purpose of increasing the protein efficiency of these soy products or improving their functional properties and/or improving physical texture.
- Tofu** - A cheese-like product made from soymilk. The protein is precipitated from the soymilk by the use of calcium sulfate, magnesium chloride (nigari), calcium chloride or other comparable coagulating agent and then placed into forming boxes or final package as in "silken tofu". Weight may or may not be applied to the tofu to help in the removal of whey. After solidification and cooling, the tofu is cut into appropriate sized pieces for packaging. Typical tofu can have a protein content ranging from 6 to 14 percent and contains from 79 to 88 percent moisture. Tofu can be eaten as is, cooked by frying or deep frying or added to soups. Tofu can be spray-dried to serve as an ingredient in other food products. Recently tofu has been used as an ingredient in nondairy frozen desserts (ice cream-like) and other "second generation products".
- Winterized Oil** - Oil which has been treated in a manner to partially remove the saturated glycerides which have relative high melting points and are soluble only to a limited extent in the unsaturated glycerides. The process consists of chilling the oil slowly and then maintaining it at 5°C (41°F) for a specified period of time and removing the crystallized glycerides from the liquid fraction of the oil by the use of filter presses. Soy oil does not require winterizing unless it has been partially hydrogenated to increase stability.

Standards & Specifications

NATIONAL SOYBEAN PROCESSORS ASSOCIATION (NSPA)

The following sections are reprinted from NSPA's *Yearbook and Trading Rules*.¹

Section 2. STANDARD DEFINITIONS

A. **Soybean Cake or Soybean Chips** is the product after the extraction of part of the oil by pressure or solvents from soybeans. A name descriptive of the process of manufacture, such as expeller, hydraulic, or solvent extracted shall be used in the brand name. It shall be designated and sold according to its protein content.

B. **Soybean Meal** is ground soybean cake, ground soybean chips, or ground soybean flakes. A name descriptive of the process of manufacture, such as expeller, hydraulic, or solvent extracted shall be used in the brand name. It shall be designated and sold according to its protein content.

C. (1) **Soybean Mill Feed** is the by-product resulting from the manufacture of soybean flour or grits and is composed of soybean hulls and the offal from the tail of the mill. A typical analysis is 13% crude protein and 32% crude fiber, and 13% moisture.

C. (2) **Soybean Mill Run** is the product resulting from the manufacture of dehulled soybean meal and is composed of soybean hulls and such bean meats that adhere to the hull in normal milling operations. A typical analysis is 11% crude protein and 35% crude fiber, and 13% moisture.

C. (3) **Soybean Hulls** is the product consisting primarily of the outer covering of the soybean. A typical analysis is 13% moisture.

D. **Solvent Extracted Soybean Flakes** is the product obtained after extracting part of the oil from soybeans by the use of hexane or homologous hydrocarbon solvents. It shall be designated and sold according to its protein content.

Section 3. STANDARD SPECIFICATIONS

A. **Soybean Flakes and 44% Protein Soybean Meal** are produced by cracking, heating and flaking soybeans and reducing the oil content of the conditioned product by the use of hexane or homologous hydrocarbon solvents. The extracted flakes are cooked and marketed as such or ground into meal. Standard specifications are as follows:

Protein	Minimum 44.0%
Fat	Minimum 0.5%
Fiber	Maximum 7.0%
Moisture	Maximum 12.0%

B. **Soybean Flakes and High Protein or Solvent Extracted Soybean Meal** are produced by cracking, heating and flaking dehulled soybeans and reducing the oil content of the conditioned flakes by the use of hexane or homologous hydrocarbon solvents. The extracted flakes are cooked and marketed as such or ground into meal. Standard specifications are as follows:

Protein	Minimum 47.5%-49.0%*
Fat	Minimum 0.5%
Fiber	Maximum 3.3%-3.5%*
Moisture	Maximum 12.0%

(*As determined by Buyer and Seller at time of sale)

C. Any of the above meal products (listed in Section 3 above) may contain a non-nutritive inert, nontoxic conditioning agent to reduce caking and improve flowability, in an amount not to exceed that necessary to accomplish its intended effect and in no case to exceed 0.5% or 10 lbs. per ton by weight of the total meal product. The name of the conditioning agent must be shown as an added ingredient.

¹*Yearbook and Trading Rules, 1988-1989* (Washington, DC; National Soybean Processors Association, 1988, effective August 1, 1988), pp. 27-28

ASSOCIATION OF AMERICAN FEED CONTROL OFFICIALS, INC. (AAFCO)

The following section is reprinted from the AAFCO Official Publication 1989.¹

**84. SOYBEAN PRODUCTS
OFFICIAL**

84.1 Ground Soybeans is obtained by grinding whole soybeans without cooking or removing any of the oil. (Adopted 1933)

IFN 5-04-596 Soybean seeds ground

84.2 Ground Soybean Hay is the ground soybean plant including the leaves and beans. It must be reasonably free of other crop plants and weeds and must contain not more than 33% crude fiber. (Adopted 1944, Amended 1964)

IFN 1-04-559 Soybean hay sun-cured ground

84.3 Soybean Hulls consist primarily of the outer covering of the soybean. (Adopted 1948)

IFN 1-04-560 Soybean seed coats (hulls)

***84.4 Soybean Feed, Solvent Extracted**, is the product remaining after the partial removal of protein and nitrogen free extract from dehulled solvent extracted soybean flakes. (Adopted 1948, Amended 1960, 1964)

IFN 5-04-613 Soybean seeds low protein low carbohydrates meal solvent extracted

84.8 Soybean Mill Feed is composed of soybean hulls and the offal from the tail of the mill which results from the manufacture of soy grits or flour. It must contain not less than 13% crude protein and not more than 32% crude fiber. (Proposed 1960, Adopted 1961, Amended 1964)

IFN 4-04-594 Soybean flour by-product

84.9 Soybean Mill Run is composed of soybean hulls and such bean meats that adhere to the hulls which results from normal milling operations in the production of dehulled soybean meal. It must contain not less than 11% crude protein and not more than 35% crude fiber. (Proposed 1960, Adopted 1961, Amended 1964)

IFN 4-04-595 Soybean mill run

84.10 Soy Phosphate or Soy Lecithin is the mixed phosphatide product obtained from soybean oil by a degumming process. It contains lecithin, cephalin and inositol phosphatides, together with glycerides of soybean oil and traces of tocopherols, glucosides and pigments. It must be designated and sold according to conventional descriptive grades with respect to consistency and bleaching. (Proposed 1958, Adopted 1961)

IFN 4-04-562 Soybean lecithin

84.11 Heat Processed Soybeans (Dry Roasted Soybeans) is the product resulting from heating whole soybeans without removing any of the component parts. It may be ground, pelleted, flaked or powdered. It must be sold according to its crude protein content. (Proposed 1960, Adopted 1964)

IFN 5-04-597 Soybean seeds heat processed

84.12 Soy Protein Concentrate is prepared from high quality sound, clean, dehulled soybean seeds by removing most of the oil and water soluble non-protein constituents and must contain not less than 70% protein on a moisture-free basis. (Proposed 1965, Adopted 1968)

IFN 5-088-038 Soybean protein concentrate more than 70% protein

84.13 Kibbled Soybean Meal is the product obtained by cooking ground solvent extracted soybean meal, under pressure and extruding from an expeller or other mechanical pressure device. It must be designated and sold according to its protein content and shall contain not more than 7% crude fiber. (Proposed 1969, Adopted 1971)

IFN 5-09-343 Soybean seed kibbled solvent extracted

84.14 Condensed Soybean Solubles is the product obtained by washing Soy Flour or Soybean Flakes with water and acid at a pH of 4.2-4.6. The wash water is then concentrated to a solid content of not less than 60%. (Proposed 1969, Adopted 1971)

IFN 5-09-344 Soybean solubles condensed

84.15 Ground Extruded Whole Soybeans is the meal product resulting from extrusion by friction heat and/or steam, whole soybeans without removing any of the component parts. It must be sold according to its crude protein, fat and fiber content. (Proposed 1974, Adopted 1975)

IFN 5-14-005 Soybean seeds extruded ground

¹The words "Solvent Extracted" are not required when listing as an ingredient in a manufactured feed.

Standards & Specifications

84.16 _____ Protein Modified is a Soybean Product that has been processed to primarily modify the natural protein structure by utilizing acids, alkalis or other chemicals and without removing significant amounts of any nutrient constituent. The defined name under Section 84 of the applicable soybean product so modified shall be declared in the product name. (Proposed 1982, Adopted 1983)

IFN 5-26-010 Soybean protein product chemically modified

84.5 Soy Grits is the granular material resulting from the screened and graded product after removal of most of the oil from selected, sound, clean and dehulled soybeans by a mechanical or solvent extraction process. It must contain not more than 4.0% crude fiber. (Proposed 1978, Adopted 1980.)

IFN 5-12-176 Soybean grits mechanical extracted

IFN 5-04-592 Soybean grits solvent extracted

84.7 Soybean Meal, Dehulled, Solvent Extracted is obtained by grinding the flakes remaining after removal of most of the oil from dehulled soybeans by a solvent extraction process. It must contain not more than 3.3% crude fiber. It may contain an inert non-toxic conditioning agent either nutritive or non-nutritive or any combination thereof, to reduce caking and improve flowability in an amount not to exceed that necessary to accomplish its intended effect and in no case to exceed 0.5%. The name of the conditioning agent must be shown as an added ingredient. When listed as an ingredient in a manufactured feed, it may be identified as "dehulled Soybean Meal." (Proposed 1978, Adopted 1980)

IFN 5-04-612 Soybean seeds without hulls meal solvent extracted

84.51 Soy Flour is the finely powdered material resulting from the screened and graded product after removal of most of the oil from selected, sound, cleaned and dehulled soybeans by a mechanical or solvent extraction process. It must contain not more than 4.0% crude fiber. (Proposed 1978, Adopted 1980)

IFN 5-12-177 Soybean flour mechanical extracted

IFN 5-04-593 Soybean flour solvent extracted

84.60 Soybean Meal, Mechanical Extracted, is the product obtained by grinding the cake or chips which remain after removal of most of the oil from soybeans by a mechanical extraction process. It must contain not more than 7% crude fiber. It may contain an inert, non-toxic conditioning agent either nutritive or non-nutritive or any combination thereof, to reduce caking and improve flowability in an amount not to exceed that necessary to accomplish its intended effect and in no case exceed 0.5%. The name of the conditioning agent must be shown as an added ingredient. The words "Mechanical Extracted" are not required when listing as an ingredient in a manufactured feed. (Proposed 1978, Adopted 1980.)

IFN 5-04-600 Soybean seeds meal mechanical extracted

84.61 Soybean Meal, Solvent Extracted, is the product obtained by grinding the flakes which remain after removal of most of the oil from soybeans by a solvent extraction process. It must contain not more than 7% crude fiber. It may contain an inert non-toxic conditioning agent either nutritive or non-nutritive and any combination thereof, to reduce caking and improve flowability in an amount not to exceed that necessary to accomplish its intended effect and in no case exceed 0.5%. The name of the conditioning agent must be shown as an added ingredient. The words "Solvent Extracted" are not required when listing an ingredient in a manufactured feed. (Proposed 1978, Adopted 1980)

IFN 5-04-604 Soybean seeds meal solvent extracted

Tentative

T84.14 Soybean Solubles, Condensed, the product resulting from the washing of soy flour or soybean flakes with water and acid; water, alkali and acid; or water and alcohol. The wash water is then concentrated to a solids content of not less than 50%. (Proposed 1983)

IFN 5-09-344 Soybean solubles condensed

T84.17 Soybean Solubles, Dried, is the product resulting from the washing of soy flour or soybean flakes with water and acid; water, alkali and acid; or water and alcohol. The wash water is then dried. (Proposed 1983)

IFN 5-16-733 Soybean solubles dehydrated

T84.62 Soy Protein Isolate is the major proteinaceous fraction of soybeans prepared from dehulled soybeans by removing the majority of non-protein components and must contain not less than 90% protein on a moisture-free basis. (Proposed 1988)

IFN Number _____ IFN Name _____

T84.12 Soy Protein Concentrate is prepared from high quality sound, clean, dehulled soybean seeds by removing most of the oil and water soluble non-protein constituents and must contain not less than 65% protein on a moisture-free basis. (Proposed 1988)

IFN Number _____ IFN Name _____

¹Official Publication 1989, Association of American Feed Control Officials Incorporated, pp. 186-188.

UNITED STATES DEPARTMENT OF AGRICULTURE

The following sections are reprinted from the **Official United States Standards for Grain.***

UNITED STATES STANDARDS FOR SOYBEANS¹

Revised Effective May 1, 1988

Subpart A - General Provisions

Terms Defined

§ 810.101 Grains for which standards are established.

Grain refers to barley, corn, flaxseed, mixed grain, oats, rye, sorghum, soybeans, sunflower seed, triticale, and wheat. Standards for these food grains, feed grains and oilseeds are established under the United States Grain Standards Act.

§ 810.102 Definition of other terms.

Unless otherwise stated, the definitions in this section apply to all grains. All other definitions unique to a particular grain are contained in the appropriate subpart for that grain.

(a) **Distinctly low quality.** Grain that is obviously of inferior quality because it is in an unusual state or condition, and that cannot be graded properly by use of the other grading factors provided in the standards. Distinctly low quality includes the presence of any objects too large to enter the sampling device; i.e., large stones, wreckage or similar objects.

(b) **Moisture.** Water content in grain as determined, by an approved device according to procedures prescribed in FGIS Instructions.

(c) **Stones.** Concreted earthy or mineral matter and other substances of similar hardness that do not disintegrate in water.

(d) **Test weight per bushel.** The weight per Winchester bushel (2,150.42 cubic inches) as determined using an approved device according to procedures prescribed in FGIS instructions. Test weight per bushel in the standards for corn, mixed grain, oats, sorghum and soybeans, is determined on the original sample. Test weight per bushel in the standards for barley, flaxseed, rye, sunflower seed, triticale, and wheat is determined after mechanically cleaning the original sample. Test weight per bushel is recorded in whole and tenth pounds to the nearest tenth pound for wheat, rye and triticale. Test weight per bushel for all other grains is recorded in whole and half pounds, with a fraction of a half pound disregarded.

(e) **Whole kernels.** Grain with 1/4 or less of the kernel removed.

Principles Governing the Application of Standards

§ 810.103 Basis of determination.

(a) **Distinctly low quality.** The determination of distinctly low quality is made on the basis of the lot as a whole at the time of sampling when a condition exists that may or may not appear in the representative sample and/or the sample as a whole.

(b) **Certain quality determinations.** Each determination of rodent pellets, bird droppings, other animal filth, broken glass, castor beans, cockleburrs, crotalaria seeds, dockage, garlic, live insect infestation, large stones, moisture, temperature, an unknown foreign substance(s), and a commonly recognized harmful or toxic substance(s) is made on the basis of the sample as a whole. When a condition exists that may not appear in the representative sample, the determination may be made on the basis of the lot as a whole at the time of sampling according to procedures prescribed in FGIS Instructions.

(c) **All other determinations.** The basis of determination for all other factors is contained in the individual standards.

§ 810.104 Percentages.

(a) **Rounding.** Percentages are determined on the basis of weight and are rounded as follows:

1. When the figure to be rounded is followed by a figure greater than or equal to 5, round to the next higher figure; e.g., report 6.36 as 6.4, 0.35 as 0.4 and 2.45 as 2.5.

2. When the figure to be rounded is followed by a figure less than 5, retain the figure; e.g., report 8.34 as 8.3 and 1.22 as 1.2.

(b) **Recording.** The percentage of splits in soybeans, and the percentage of dockage in barley, flaxseed, rye and sorghum are reported in whole percents with fractions of a percent being disregarded.

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Dockage in triticale is reported in whole and half percent with a fraction less than one-half percent being disregarded. Dockage in wheat is reported in whole and tenth percent to the nearest tenth percent. Foreign material in sunflower seed is reported to the nearest one-half percent. Ranges of sunflower seed foreign material are reported as follows: 0.0 to 0.24 is reported as 0.0 percent, 0.25 to 0.74 as 0.5 percent, 0.75 to 1.24 as 1.0 percent, and the like. Foreign material and fines in mixed grain is reported in whole percent. The percentage of smut in barley and ergot are reported to the nearest hundredth percent. The percentage when determining the identity of all grains is reported to the nearest whole percent. Also reported to the nearest whole percent are the classes and subclasses in wheat; flint corn; flint and dent corn; waxy corn; classes in barley; and the percentage of each kind of grain in mixed grain. Plump barley shall be expressed in terms of the range in which it falls. Ranges shall be: Below 50 percent, 50 to 55 percent, 56 to 60 percent, 61 to 65 percent, and the like. All other percentages are reported in tenths percent.

Grades, Grade Requirements and Grade Designations

§ 810.105 Grades and grade requirements.

The grades and grade requirements for each grain (except mixed grain) are shown in the grade table(s) of the respective standards. Mixed grain grade requirements are not presented in tabular form.

§ 810.106 Grade designations.

(a) **Grade designations for grain.** The grade designations included in the following order:

- (1) The letters "U.S."
- (2) The abbreviation "No." and the number of the grade or the words "Sample grade";
- (3) When applicable, the subclass;
- (4) The class or kind of grain;
- (5) When applicable, the special grade(s) except in the case of bright, extra heavy and heavy oats or plump rye, the special grades, "bright", "extra heavy", "heavy" and "plump" will precede the word "oats" or "rye" as applicable; and
- (6) When applicable, the word "dockage" together with the percentage thereof.

When applicable, the remarks section of the certificate will include in the order of predominance; in the case of a mixed class, the name and approximate percentage of the classes, in the case of sunflower seed, the percentage of admixture; in the case of mixed grain, the grains present; in excess of 10.0 percent of the mixture and when applicable, the words Other grains followed by a statement of the percentage of the combined quantity of those kinds of grains, each of which is present in a quantity less 10.0 percent; in the case of barley, if requested, the word "plump" with the percentage range thereof; in the case of wheat, if requested, the percentage of protein content.

(b) **Optional grade designations.**

In addition to paragraph (a) of this Section, grain may be certificated under certain conditions as described in FGIS instructions when supported by official analysis, as "U.S. No. 2 or better (type of grain)", "U.S. No. 3 or better (type of grain)", and the like.

Special Grades, Special Grade Requirements and Special Grade Designations

§ 810.107 Special grades and special grade.

A special grade serves to draw attention to a special factor or condition present in the grain and, when applicable, is supplemental to the grade assigned under § 810.106. Except for the special grade "infested", the special grades are identified and requirements are established in each respective grain standards.

(a) **Infested wheat, rye and triticale.** Tolerances for live insects responsible for infested wheat, rye and triticale are defined according to sampling designations as follows:

- (1) **Representative sample.** The representative sample consists of the work portion, and the file sample if needed and when available. These grains will be considered infested if the representative same (other than shiplots) contain two or more live weevils, or one live weevil and one or more other live insects injurious to stored grain, or two or more live insects injurious to stored grain.
- (2) **Lot as a whole (stationary).** The lot as a whole is considered infested when two or more live weevils, or one live weevil and one or more other live insects injurious to stored grain are found

in, on, or about the lot (excluding submitted samples and shiplots).

(3) **Sample as a whole (continuous loading/unloading of shiplots and bargelots).** The minimum sample size for shiplots and bargelots is 500 grams per each 2,000 bushels of grain. The sample as a whole is considered infested when a component (as defined in FGIS instructions) contains two or more live weevils, or one live weevil and one or more other live insects injurious to stored grain, or two or more other live insects injurious to stored grain.

(b) **Infested barley, corn, oats, sorghum, soybeans, sunflower seeds and mixed grain.** Tolerances for live insects responsible for infested barley, corn, oats, sorghum, soybeans, sunflower seed and mixed grain are defined according to sampling designations as follows:

(1) **Representative sample.** The representative sample consists of the work portion and the file sample if needed and when available. These grains will be considered infested if the representative sample (other than shiplots) contain two or more live weevils, or one live weevil and five or more other live insects injurious to stored grain, or ten or more other live insects injurious to stored grain.

(2) **Lot as a whole (stationary).** The lot as a whole is considered infested when two or more live weevils, or one live weevil and five or more other live insects injurious to stored grain, or ten or more other live insects injurious to stored grain are found in, on, or about the lot (excluding submitted samples and shiplots).

(3) **Sample as a whole (continuous loading/unloading of shiplots and bargelots).** The minimum sample for shiplots and bargelots is 500 grams per each 2,000 bushels of grain. The sample as a whole is considered infested when a component (as defined in FGIS instructions) contains two or more live weevils or one live weevil and five or more other live insects injurious to stored grain, or ten or more other live insects injurious to stored grain.

§ 810.108 Special grade designations.

Special grade designations are shown as prescribed in § 810.106. Multiple special grade designations will be listed in alphabetical order. In the case of treated wheat, the official certificate shall show whether the wheat has been scoured, limed, washed, sulfured, or otherwise treated.

SUBPART I - UNITED STATES STANDARDS FOR SOYBEANS

Terms Defined

§ 810.1601 Definition of soybeans.

Grain that consists of 50 percent or more of whole or broken soybeans (*Glycine max* (L.) Merr.) that will not pass through an 8/64 round-hole sieve and not more than 10.0 percent of other grains for which standards have been established under the United States Grain Standards Act.

§ 810.1602 Definition of other terms.

(a) **Classes.** There are two classes for soybeans: Yellow soybeans and Mixed soybeans.

(1) **Yellow soybeans.** Soybeans that have yellow or green seed coats and which in cross section, are yellow or have a yellow tinge, and may include not more than 10.0 percent of soybeans of other colors.

(2) **Mixed soybeans.** Soybeans that do not meet the requirements of the class Yellow Soybeans.

(b) **Damaged kernels.** Soybeans and pieces of soybeans that are badly ground-damaged, badly weather-damaged, diseased, frost-damaged, germ-damaged, heat-damaged, insect-bored, mold-damaged, sprout-damaged, stinkbug-stung, or otherwise materially damaged. Stinkbug-stung kernels are considered damaged kernels at the rate of one-fourth of the actual percentage of the stung kernels.

(c) **Foreign material.** All matter that passes through an 8/64 round-hole sieve and all matter other than soybeans remaining in the sieved sample after sieving according to procedures prescribed in FGIS instructions.

(d) **Heat-damaged kernels.** Soybeans and pieces of soybeans that are materially discolored and damaged by heat.

(e) **Purple mottled or stained.** Soybeans that are discolored by the growth of a fungus; or by dirt; or by a dirt-like substance(s) including nontoxic inoculants; or by other nontoxic substances.

Standards & Specifications

(f) **Sieve. 8/64 round hole sieve.** A metal sieve 0.032 inch thick perforated with round holes 0.125 inch in diameter.

(g) **Soybeans of other colors.** Soybeans that have green, black, brown, or bicolored seed coats. Soybeans that have green seed coats will also be green in cross section. Bicolored soybeans will have seed coats of two colors, one of which is brown or black, and the brown or black color covers 50 percent of the seed coats. The hilum of a soybean is not considered a part of the seed coat for this determination.

(h) **Splits.** Soybeans with more than 1/4 of the bean removed and that are not damaged.

Principles Governing the Application of Standards

§ 810.1063 Basis of determination.

Each determination of class, heat-damaged kernels, damaged kernels, splits and soybeans of other colors is made on the basis of the grain when free from foreign material. Other determinations not specifically provided for under the general provisions are made on the basis of the grain as a whole.

Grades and Grades Requirements

§ 810.1604 Grades and grade requirements for soybeans.

Grade	Minimum Test Weight per Bushel (pounds)	Maximum Limits of				
		Damaged Kernels		Foreign Material (percent)	Splits (percent)	Soybeans Of Other Colors (percent)
		Heat Damaged (percent)	Total (percent)			
U.S. No. 1	56.0	0.2	2.0	1.0	10.0	1.0
U.S. No. 2	54.0	0.5	3.0	2.0	20.0	2.0
U.S. No. 3 1/	52.0	1.0	5.0	3.0	30.0	5.0
U.S. No. 4 2/	49.0	3.0	8.0	5.0	40.0	10.0
U.S. Sample grade						

U.S. sample grade is soybeans that:

- (a) Do not meet the requirements for U.S. Nos. 1, 2, 3 or 4, or;
- (b) Contain 8 or more stones which have an aggregate weight in excess of 0.2 percent of the sample weight, 2 or more pieces of glass, 3 or more *Crotalaria* seeds (*Crotalaria* spp.), 2 or more castor beans (*Ricinus communis* L.), 4 or more particles of an unknown substance(s), 10 or more rodent pellets, bird droppings, or equivalent quantity of other animal filth per 1,000 grams of soybeans; or
- (c) Have a musty, sour, or commercially objectionable foreign odor (except garlic odor); or
- (d) Are heating or otherwise of distinctly low quality.

1/ Soybeans that are purple mottled or stained are graded not higher than U.S. No. 3.

2/ Soybeans that are materially weathered are graded not higher than U.S. No. 4.

Special Grades and Special Grade Requirements

§ 810.1605 Special grades and special grade requirements.

Garlicky soybeans. Soybeans that contain 5 or more green garlic bulblets or an equivalent quantity of dry or partly dry bulblet in a 1,000 gram portion.

*Official United States Standards for Grain, Revised May 1, 1988 (U.S. Government Printing Office)

¹Compliance with the provisions of these standards does not excuse failure to comply with the provisions of the Federal Food, Drug and Cosmetic Act, or other Federal laws.

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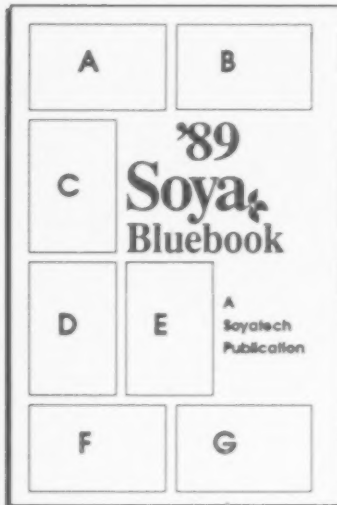
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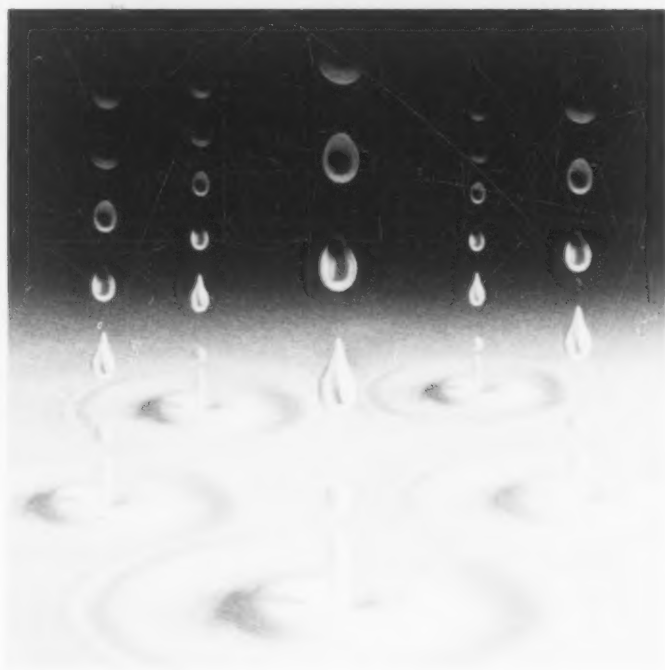
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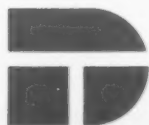
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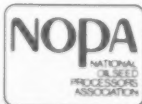
- ◆ To make planting decisions based on market demand, both domestic and international
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Soja सोया

A SOYATECH PUBLICATION

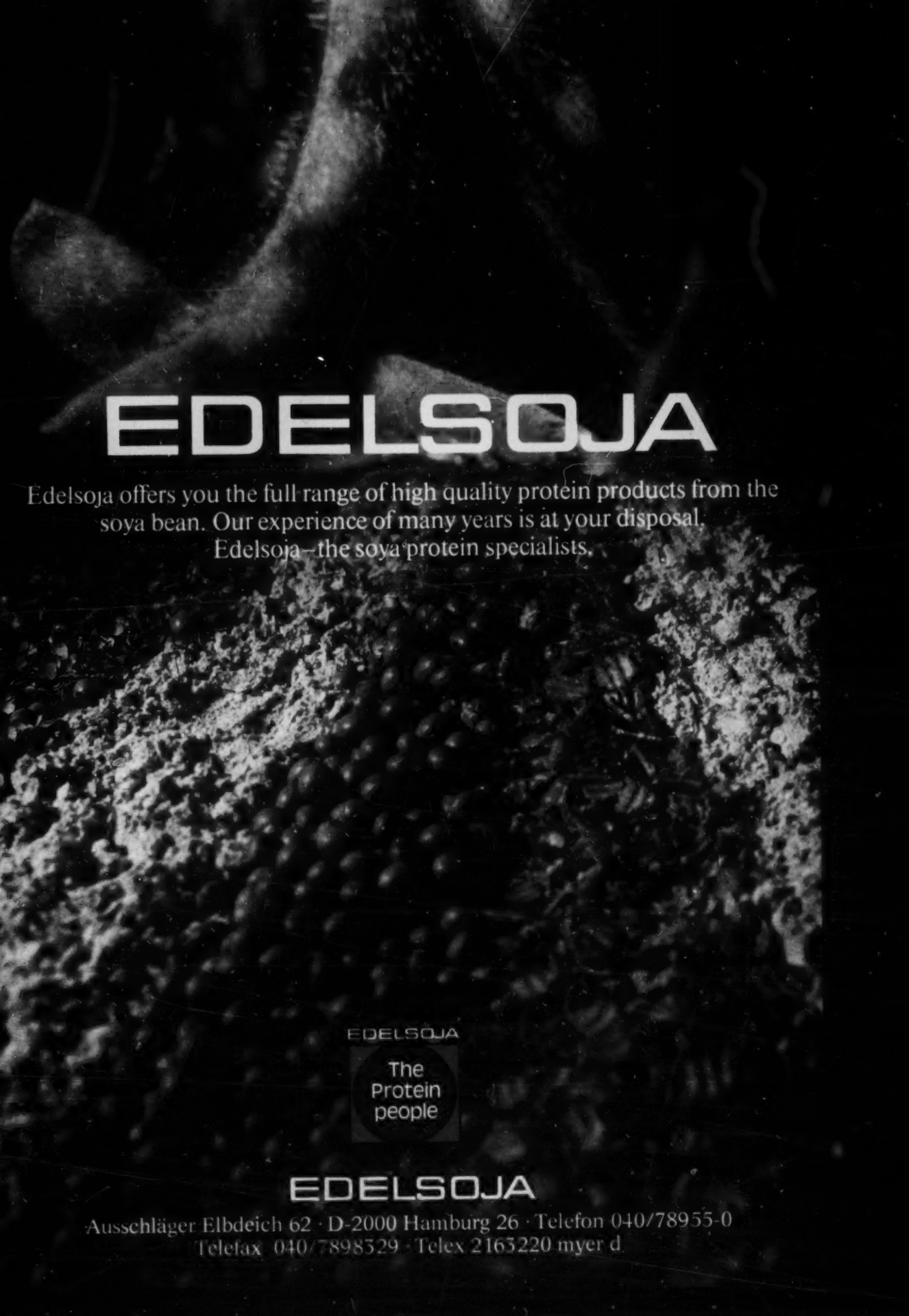
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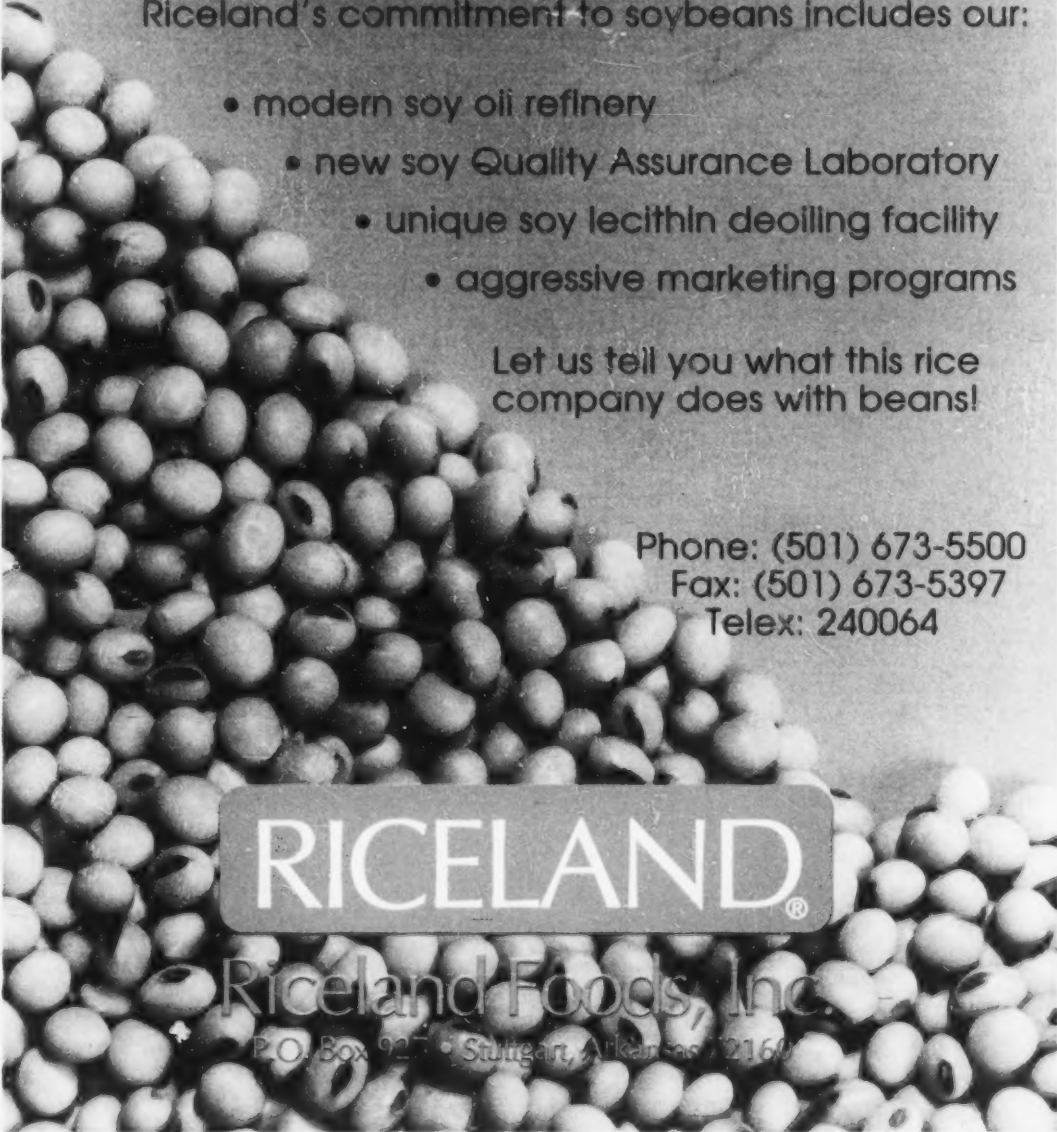
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Forward

Welcome to the '90 **Soya Bluebook**, the 43rd edition of the world's most comprehensive directory of the soybean processing industry. In it, you will find listings of over 1300 soybean and soybean product processors, equipment suppliers, service companies, trade associations and government agencies. Together, these groups represent the world's soya industry.

Soya Bluebook's current information on equipment, supply and service companies gives you the manufacturing and marketing support you need in your business—*everyday*. The Bluebook also contains the most complete listing anywhere of soya-based product manufacturers. All of these companies are listed not only by name and country in their appropriate yellow page sections, but also by end product, equipment, supply or service offered. And the comprehensive index at the back of the book contains a listing of every company or product listed herein.

New for 1990 are three pages of soya product processing charts, showing major soybean products and their basic processing steps. And there is, of course, our updated statistical section, containing over 50 pages of past, current and estimated data on world soybean production, disposition and import/export.

The soya industry, like many others, is undergoing rapid consolidation and globalization, giving rise to a more competitive environment for manufacturers and marketers. Being in the **Soya Bluebook** gives you a competitive edge by putting your company up front in people's minds as a major supplier of a particular product or service.

If you are a member of the industry, be sure to be listed. All listings are free of charge. And if you use the book to make new contacts, or buy and sell a product or service, let the person you speak with know, "*I saw your listing in the Soya Bluebook*".

Peter Golbitz, Publisher

Soya Bluebook is published annually by **Soyatech, Inc.** Listings are provided free of charge to qualified members of the soybean industry. Every effort has been made to present a publication free of errors and/or omissions. In the event either occur, please contact the editor of **Soya Bluebook** so corrections can be made in future editions. For additional copies of **Soya Bluebook** (\$38, U.S., Canada and Mexico; \$48, all other countries), contact the Circulation & Sales Department. For advertising rate information, contact **Soya Bluebook** Advertising Manager. All inquiries should be directed to:

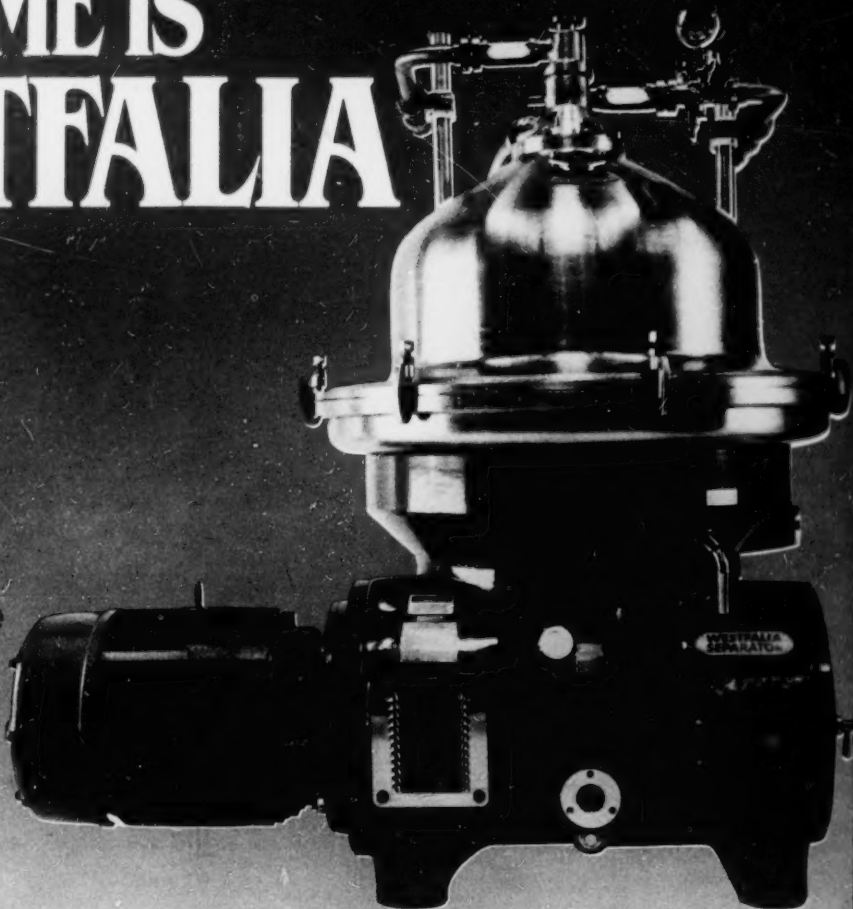
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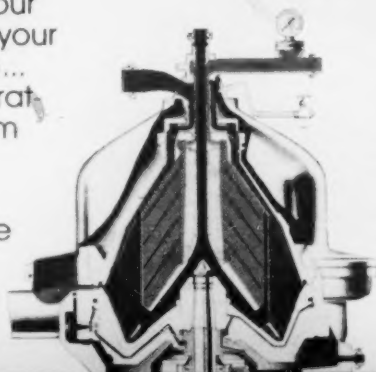
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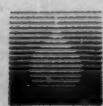
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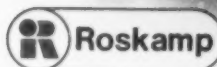
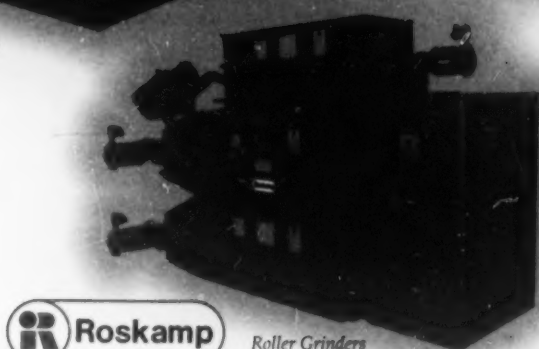
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Organizations and Government Agencies

Trade Associations, Organizations and Agencies
Involved in Soya Market Development,
Trade or Education

Listed A-Z, By Country

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AUSTRALIA

Australian Oilseed Crushers Association ★

6A Post Office Street, Suite 2, Pymble 2073, N.S.W., AUSTRALIA; PH: 61/2/449-5311.

CONTACT: Bryce Bell, Secy.

FOUNDED: 1963

MEMBERSHIP: 8 firms; vegetable oilseed crushers.

OBJECTIVES & ACTIVITIES: Develop the growing of oilseeds in Australia and domestic and export markets for seed, oil and meal.

Australian Oilseeds Federation ★

6A Post Office Street, Suite 2, Pymble 2073, N.S.W., AUSTRALIA; PH: 61/2/449-5311.

CONTACT: Bryce Bell, Secy.

FOUNDED: 1965

MEMBERSHIP: 28 oilseed grower, oilseed crusher, vegetable oil and protein user organizations and individual companies involved in the oilseed industry.

OBJECTIVES & ACTIVITIES: Encourage and promote the Australian oilseed industry.

The Oilseeds Marketing Board For the State of New South Wales

56 Young Street, G.P.O. Box 2736, Sydney 2001, N.S.W., AUSTRALIA; PH: 61/02/231-1511;

TLX: AA25715 (OSEEDS); FAX: 022314047.

CONTACT: John D. Ranken, Exec. Dir.

FOUNDED: 1973

MEMBERSHIP: 15 individuals comprising a statutory marketing authority for all N.S.W. oilseed growers.

OBJECTIVES & ACTIVITIES: Protect and insure best possible returns to growers; encourage production of oilseeds; encourage research and establish research priorities; act as liaison with the oilseeds processing industry and other grain marketing and bulk handling organizations; improve the distribution of grain to the domestic and export markets.

PUBLICATIONS: Commodity newsletters, quarterly, free.

AUSTRIA

American Soybean Association/East Europe ★

Gatterburggasse 18/2/3, Vienna A-1190, AUSTRIA; PH: 368218 or 368219; TLX: 135132;

FAX: 43/1/369-1661.

CONTACT: Steven B. Nemeth, Dir.

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture, Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

Verband der Futtermittelindustrie ★

Zaunergasse 1-3, Postfach 144, Vienna A-1037, AUSTRIA; PH: 0222/722121; TLX: 131247

(NAHRUNGA).

CONTACT: Dr. Klaus Smolka

FOUNDED: 1946

MEMBERSHIP: 8 firms or organizations; Austrian mixed feed manufacturers.

OBJECTIVES & ACTIVITIES: Represent the interests of members.

PUBLICATIONS: Ernährung, monthly, OS-650.

Should *YOUR COMPANY* Be Listed In The '91 Soya Bluebook?

BANGLADESH

Bangladesh Sugar and Food Industries Corporation (BSFIC) (GA)

Shilpa Bhavan, Motijheel C.A., Dhaka 2, BANGLADESH.

CONTACT: Mr. Nuruzzaman, Dir. of Mkting.

OBJECTIVES & ACTIVITIES: Importer of crude degummed soy oil; private refineries also import goods.

Bangladesh Vegetable Oil Refiners' and Vanaspathi Manufacturers' Association

Sharif Mansion, Third Floor, 56/57 Motijheel Commercial Area, Dhaka 2, BANGLADESH;
PH: 256492.

CONTACT: M. Nasir, Vice Chman.

FOUNDED: 1963

MEMBERSHIP: 9 firms; refiners of crude degummed soybean oil and producers of vegetable ghee/vanaspathi.

OBJECTIVES & ACTIVITIES: Promote, protect and safeguard the interests of members.

BELGIUM

American Soybean Association/West Europe ★

Centre International Rogier, Room 2501-2506, Boite 521, Brussels 1210, BELGIUM; PH: 217-2075 or 217-9661; TLX: 846-26128 (AMSOYA B).

CONTACT: Dennis L. Blankenship, Dir.

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture, Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

Association Internationale de la Savonnerie et de la Detergence (AIS) (International Association of the Soap and Detergent Industry)

Square Marie Louise 49, Brussels B-1040, BELGIUM; PH: 32/2/230-8371; TLX: 23167 (FECHIM AIS); FAX: 32/2/230-8288.

CONTACT: Pierre V. Costa, Secy. Gen.

FOUNDED: 1952

MEMBERSHIP: 18 national associations (Western Europe & Australia) representing more than 600 companies which are active in the soap and detergent sector of industry.

OBJECTIVES & ACTIVITIES: To examine all questions relating to the industry concerned with

REFERENCE INFORMATION

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soaps, detergents and related products; to promote the common interests and knowledge of the industry represented by its member associations; to seek collective solutions to problems of common concern relating to human and environmental health; to represent the member associations in dealing with competent professional or supranational official bodies; to cooperate, as far as possible, with supranational authorities in the preparation of regulations which could affect the activities of the industry which it represents; to provide guidance for the member associations by its recommendations; to collect, exchange and disseminate all information necessary for the achievement of its objects; and in the achievement of its objects, the Association will ensure that the proposed measures will not interfere with free competition.

PUBLICATIONS: AIS Bulletin, bi-monthly, reserved to members; directories available from National Associations; Annual Statistical Tables, annual, edition 1986/87 B.F. 6,000.

Association Professionnelle des Fabricants d'Aliments Composes

(Belgian Association of Compound Feed Industry)

Gasthuistraat 31, Brussels B-1000, BELGIUM; PH: 32/2/512-0955; TLX: 23403 (APFACA);

FAX: 32/2/514-0351.

CONTACT: Yuan de Jaegher, Dir.

FOUNDED: 1944

MEMBERSHIP: 85 firms or organizations; animal feed factories.

OBJECTIVES & ACTIVITIES: Dispatching of information regarding the sectors involved with animal feed; organizing conferences; having conferences with government agencies about the implementation of agricultural policy.

EEC Seed Crushers and Oil Processors Federation (FEDIOL) ★

Rue de la Loi 74, Bte. 4, Brussels 1040, BELGIUM; PH: 32/2/230-3125; TLX: 23628 (OLMA);

FAX: 02/230-2274.

CONTACT: Andre Sieffert

FOUNDED: 1958

MEMBERSHIP: 11 national associations of the seed crushing and oil processing industry of the EC member states.

OBJECTIVES & ACTIVITIES: To defend the interests, on the EC level, of the seed crushing industry and the crude oil and fat processing industry (vegetable and marine).

European Feed Manufacturers' Association (FEFAC) ★

Rue de la Loi, 223, Bte. 3, Brussels 1040, BELGIUM; PH: 32/2/230-8715; TLX: 22393 (FEFAC B);

FAX: 32/2/230-5722.

CONTACT: Andre P. Namur, Secy. Gen.

FOUNDED: 1959

MEMBERSHIP: 4 member associations & 11 correspondent members.

OBJECTIVES & ACTIVITIES: To promote the interests of the compound feed trade and the European livestock farmer; to ensure that the views of the compound feed manufacturers are fully represented and to enhance their reputation and that of FEFAC; to take action for the improved understanding of the role and the importance of the feed industry; to protect the industry from unfair practices & discrimination.

PUBLICATIONS: Feed and Food, annually, 1500. FB; Panorama, 2 times/month; Market Intelligence, 2 times/month; Feed Lex, 3 times/year.

European Vegetable Protein Association (EUVEPRO)

Leuvensestraat 29, Vilvoorde B-1800, BELGIUM; PH: 32/2/252-1052; TLX: 21260 (FOODIN B);

FAX: 32/2/252-4199.

CONTACT: Arnold Van Hecke, Dir.

FOUNDED: 1977

MEMBERSHIP: 7 organizations representing vegetable protein producers and users.

OBJECTIVES & ACTIVITIES: Provide representation and promotion of the interests of vegetable protein producers and users.

Organizations and Government Agencies

PUBLICATIONS: EUVEPRO Newsletter, 3-4 times/yr, free; EUVEPRO Survey of Legislations, updated when needed.

Federation des Fabricants D'Huiles de Belgique ★

(Federation of Belgian Oil Manufacturers)

74 Rue de la Loi Boite 4, B-1040 Brussels, BELGIUM; PH: 32/2/230-1192; TLX: 23628 (OLMA B).

CONTACT: Maritta Boetman, Secy.

FOUNDED: 1945

MEMBERSHIP: 9 firms; oilseed processors.

International Federation of Margarine Associations (IFMA) ★

Rue de la Loi 74, Bte. 3, Brussels 1040, BELGIUM; PH: 32/2/230-4810; TLX: 23-628 (OLMA B).

CONTACT: Ivan Hodac, Secy. Gen.

FOUNDED: 1958

MEMBERSHIP: 22 firms representing margarine producers and their national associations.

OBJECTIVES & ACTIVITIES: Enable member associations to collaborate on the solution of common problems of the margarine industry and promote and defend the interests of this industry.

PUBLICATIONS: Newsletter, 6 issues/yr, free; Annual General Meeting Report, annually BF500.

BRAZIL

ABIOVE—Associação Brasileira das Inds. Oleos Vegetais ★

(Brazilian Vegetable Oil Industries Association)

Avenida Paulista, 460, 4º Andar, São Paulo 01310, S.P., BRAZIL; PH: 55/11/287-3433;

TLX: 55/11/32010 or 36020 (ABOV); FAX: 55/11/285-3365.

CONTACT: Raul Paulo Costa, Exec. Pres.

FOUNDED: 1981

MEMBERSHIP: 62 oilseed processors or vegetable oil refineries.

OBJECTIVES & ACTIVITIES: To represent and support the interests of Brazilian crushers and refiners, and to collaborate with the Brazilian Government to aid development of socio-economic policies.

PUBLICATIONS: Informativo ABIOVE, monthly, free.

Companhia de Financiamento da Producao, Ministry of Agriculture (GA)

Av. W-3 Norte, Quadra 514, Bloco B, 70760 Brasilia, D.F., BRAZIL; PH: 272-0187; TLX: 061-1110.

CONTACT: Francisco Jose Santos, Pres.

INTERBRAS (GA)

Rua 1ª de Marco, 23/4º, 20010 Rio de Janeiro, R.J., BRAZIL.

CONTACT: Gunther Heinrich Hennies

BULGARIA

DSO Zarneni Hrani I Furazhna ★ (GA)

Promishlenost, Blvd. A Stamboliyski 9, 1000 Sofia, BULGARIA.

— Tell Them You Saw It In The Soya Bluebook —

CANADA

Centre de Recherche Industrielle du Quebec (CRIQ) ★ (GA)

(Industrial Research Center of Quebec)

333 Franquet, Sainte-Foy G1V 4C7, Quebec, CANADA; PH: 418/652-2228; TLX: 051-31569; FAX: 418/652-2251.

CONTACT: Louise Laflamme, Mkting. Analyst

FOUNDED: 1970

MEMBERSHIP: 450 individuals; 2 organizations.

OBJECTIVES & ACTIVITIES: Give assistance to Canadian manufacturers; marketing information, marketing research, diversification, etc., technical information or R & D.

PUBLICATIONS: Innovation, 3 times/yr., no cost.

Institute of Edible Oil Foods ★

1185 Eglinton Avenue, East, Suite 101, Don Mills M3C 3C6, Ontario, CANADA; PH: 416/429-1004; FAX: 416/429-1940.

CONTACT: Linda Reid, Mgr.

FOUNDED: 1954

MEMBERSHIP: 13 individuals, 13 firms consisting of growers, crushers and refiners of oilseeds, and manufacturers of edible oil products in Canada.

OBJECTIVES & ACTIVITIES: To represent members' "common interests" through government consultation and other consumer and trade issues where applicable—a nonprofit association.

Ontario Soybean Growers' Marketing Board ★

180 Riverview Drive, P.O. Box 1199, Chatham N7M 5L8, Ontario, CANADA; PH: 519/352-7730; FAX: 519/352-8983.

CONTACT: Fred Brandenburg, Secy. Mgr.

FOUNDED: 1949

MEMBERSHIP: 25,000 individuals; soybean producers in the Province of Ontario, Canada.

OBJECTIVES & ACTIVITIES: To achieve the best possible financial returns for the soybean grower and ensure the long-term viability of the soybean industry in Canada.

PUBLICATIONS: Newsletter, bimonthly, no cost.

Plenty, Canada

RR #3, Lanark K0G 1K0, Ontario, CANADA; PH: 613/278-2215; FAX: 613/278-2416.

CONTACT: M. Jeyabalan, Ag Program Officer

FOUNDED: 1976

MEMBERSHIP: 15 individuals working as volunteers in third-world countries and home office staff.

OBJECTIVES & ACTIVITIES: Work on soy agriculture and processing; water and sanitation systems; and forestry. Our aid is to see a fair sharing to the world resources.

PUBLICATIONS: Plenty News, twice yearly.

CHINA, PEOPLE'S REPUBLIC OF

American Soybean Association/People's Republic of China ★

Citic International Bldg., 25th Floor, Room 4, 19 Jianguomenwai Street, Beijing, PEOPLE'S REPUBLIC OF CHINA; PH: 502-255 (ext. 2541); TLX: 716-22203 (USCOP CN).

CONTACT: Don H. Bushman, Dir.

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture, Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

COLOMBIA

IDEMA (GA)

Carerra 10, #16-82, Piso 7, Bogota 1, D.E., COLOMBIA.

CONTACT: Guillermo P. Cardenas, Subgerente de Compras

COSTA RICA

Consejo Nacional de Produccion (CNP) ★ (GA)

P.O. Box 2205, San Jose 1000, COSTA RICA; PH: 506/23-6033, ext. 273. TLX: 376/2273 (CON-APRO); FAX: 506/339660.

CONTACT: Raul Gillot Fallas, Gen. Mgr.

FOUNDED: 1948

MEMBERSHIP: 50 individuals; small/medium farmers and animal food producers.

OBJECTIVES & ACTIVITIES: Price stabilization, production incentives and technical assistance.

CZECHOSLOVAKIA

KOOSPOL A.S. ★ (GA)

Leninova 178, Prague, CZECHOSLOVAKIA; PH: 0042/2/366355; TLX: 121-121 (KOOS C).

CONTACT: Josef Chalupa, Dir. Gen.

OBJECTIVES & ACTIVITIES: Trading of soybeans and soybean meal pellets.

Zemedelske Zasobovani A Nakup ★ (GA)

Generalni Reditelstvi, Praha 1, Opletalova 4, CZECHOSLOVAKIA; PH: 42/265-741; TLX: 121135.

CONTACT: Milos Protiva, Dir.

DOMINICAN REPUBLIC

Instituto de Estabilization de Precios (INESPRE) ★ (GA)

Plaza de la Independencia, Santo Domingo, DOMINICAN REPUBLIC; PH: 533-3111 or 533-3117; TLX: 3460296.

ECUADOR

Ministerio de Industrias, Comercio e Integracion (MICEI) (GA)

Juan Leon Meraz y Roca, P.O. Box 194-A, Quito, ECUADOR; PH: 541854; TLX: 022166 (MICEI).

CONTACT: Ramon Recalde, Dir. Gen.

OBJECTIVES & ACTIVITIES: Agency in charge of import tenders.

Nacional de Almacenamiento y Comm. de Productos

Agropecuarios (ENAC) (GA)

Edif MAG-2 Piso, Aves Amazonas y Eloy Alfaro, Quito, ECUADOR; PH: 544476; TLX: 2544.

CONTACT: Cevallos T. Francisco, Mgr.

OBJECTIVES & ACTIVITIES: Import/export, domestic crop support, whole crop marketing.

Nacional de Productos Vitales Emprovit (GA)

Edif MAG-3er Piso, Aves Amazonas y Eloy Alfaro, Quito, ECUADOR; PH: 237973; TLX: 2388.

CONTACT: Jorge R. Moran, Mgr.

OBJECTIVES & ACTIVITIES: Import/export retail marketing.

EGYPT

General Authority for Supply Commodities ★ (GA)

Ministry of Supply & Home Trade, 24 Gomhoria Street, Cairo, EGYPT; PH: 937175; TLX: 2062.

EL SALVADOR

Asociacion de Ganaderos de El Salvador (AGES) ★

(Cattlemen's Association of El Salvador)

6a. 10a. Calle Pte. No. 1833, Col. Flor Blanca, San Salvador, EL SALVADOR; PH: 503/233980; TLX: 20213 (INAGRO).

CONTACT: Arturo Muyschondt, Pres.

MEMBERSHIP: 24 individuals and companies involved in livestock operations.

OBJECTIVES & ACTIVITIES: Group all livestock owners into one organization; sell veterinary medicines, feed compounds and other livestock related products.

PUBLICATIONS: Revista AGES, yearly, free to members.

Instituto Regularo de Abastecimientos ★ (GA)

Edif. Prodisa, 7-A Av. Norte, Psj. 3 Cntr-Gobierno, San Salvador, EL SALVADOR.

ENGLAND

The Federation of Oils, Seeds and Fats Associations Ltd. (FOSFA Int'l.)

24 St. Mary Axe, London EC3A 8ER, ENGLAND; PH: 01/283-5511; TLX: 8812757 (FOSFA G); FAX: 01/623-1310.

CONTACT: D. A. Reffold, CEO & Secy.

FOUNDED: 1823

MEMBERSHIP: 50 individuals; 500 firms or organizations. Shippers, middlemen, receivers of oilseeds, oil and fats and ground nuts.

OBJECTIVES & ACTIVITIES: International contract issuing authority for the trade in oilseeds, oils and fats and HPS ground nuts. Provides regulation and arbitration services.

PUBLICATIONS: FOSFA Newsletter, quarterly, no cost; FOSFA manual, as required, £240; FOSFA Handbook, annual, £30.

The GAFTA Soya Bean Meal Futures Association, Ltd. ★

Baltic Exchange Chambers, 24/28 St. Mary Axe, London EC3A 8EP, ENGLAND; PH: 44/01/283-5146; TLX: 886984 (GAFTA G).

CONTACT: William J. Englebright, Secy.

FOUNDED: 1919

MEMBERSHIP: 680 firms associated with the worldwide food industry.

OBJECTIVES & ACTIVITIES: Promote improvements in the scientific and technical fields of the international food industry by providing routine and special analysis, long-term research, new product development, consulting, information, databases and databanks, publications, training and conferences.

PUBLICATIONS: Numerous publications for purchase by members and non-members; list available.

Leatherhead Food Res. Association

Randalls Road, Leatherhead, Surrey, ENGLAND; PH: 44/372/376761; TLX: 929846 (FOODRA G); FAX: 44/372/386228.

CONTACT: J. R. Swift, Sales Mgr.

FOUNDED: 1919

MEMBERSHIP: 75 food manufacturers, and ingredient and equipment suppliers and retailers.

OBJECTIVES & ACTIVITIES: Research and information services to enable member companies to operate more efficiently and with enhanced food safety.

PUBLICATIONS: Abstracts Journal, Food Science & Technology, monthly, \$240/yr; Legislation manuals, regular updates; various prices; other publications available upon request.

Margarine & Shortening Manufacturers' Association

6 Catherine Street, London WC2B 5JJ, ENGLAND; PH: 01/836-2460; TLX: 299388 (FDF 9); FAX: 01/836-0580.

CONTACT: Angela Bowden, Secy. Gen.

MEMBERSHIP: 12 firms or organizations. All manufacturers of margarine and shortening in the United Kingdom.

OBJECTIVES & ACTIVITIES: Promote the interests of the margarine and shortening industry in the United Kingdom.

FRANCE

Centre Technique Interprofessionnel des Oleagineux Metropolitains (CETIOM)

(Association of French Oilseed Producers)

174 Avenue Victor Hugo, 75116 Paris, FRANCE; PH: 331/4505-1423; TLX: 611-907 (SIDO).

CONTACT: Emile Choné

FOUNDED: 1957

MEMBERSHIP: 110 individuals representing associations of oilseed producers in France.

OBJECTIVES & ACTIVITIES: Perform applied production research for all oilseeds; extension and development.

PUBLICATIONS: Informations Techniques, 4 times/yr, f50/yr; Bulletin CETIOM, 4 times/yr, f50/yr.

Consell Interregional du Soja (CIS)

(Interregional Council of Soy)

17, Rue de Fleurance, 31400 Toulouse, FRANCE; PH: 61/538180.

CONTACT: Emmanuel Prudon, Engineer

FOUNDED: 1982

MEMBERSHIP: Producers and farmers.

OBJECTIVES & ACTIVITIES: Soybean production in France.

PUBLICATIONS: Linoculum, 4 times/yr.

Groupe d'Etudes de Proteine Végétales (GEPV) ★

Association for the Study of Vegetable Proteins

10 A, Rue de la Paix, Paris 75002, FRANCE; PH: 33/1/42965029; TLX: 1/230905 (STABILI);

FAX: 1/47039878.

CONTACT: Aldo Uzzan, Scient. Consultant

FOUNDED: 1976

MEMBERSHIP: 11 companies producing, marketing and/or using vegetable proteins in France.

OBJECTIVES & ACTIVITIES: Communication and promotion for VPP uses in foods (scientific, industrial, legal, consumerism aspects); relations with other associations (within EUVEPRO).

Institut des Corps Gras (ITERG)

(Fats and Oils Institute)

10/A, Rue de la Paix, 75002 Paris, FRANCE; PH: 42/965029; TLX: 230905 (STABILI PARIS).

CONTACT: Jean B. Chazan, Gen. Mgr.

FOUNDED: 1943

MEMBERSHIP: 300 firms or organizations in the fats and oils industry.

OBJECTIVES & ACTIVITIES: Conduct scientific and technical research and development on fats, oils and related products, especially in the field of analytical and organic chemistry, biotechnology, technology (pilot plants.)

PUBLICATIONS: Revue Francaise des Corps Gras, 10 times/yr, f940.

ONIDOL - SOJA ★

5 Bd. Mediterranée, Toulouse 31400, FRANCE; PH: 33/61/53-8180; TLX: 531477 (F);

FAX: 61/55-0837.

CONTACT: Prudon Emmanuel, Ingenieur

FOUNDED: 1978

MEMBERSHIP: Families involved in oilseeds production and use/producers; industrials in seeds, seed storage and transformation.

OBJECTIVES & ACTIVITIES: Organizing production; developing uses of soy products.

PUBLICATIONS: L'Inoculum, quarterly, 60 f/yr.

Organization Nationale Interprofessionnelle des Oleagineux (ONIDOL) ★

(National Oilseeds Organization)

12, Avenue George V, Paris 75008, FRANCE; PH: 33/1/47208055; TLX: 612575.

CONTACT: Mkting. Dir.

FOUNDED: 1975

MEMBERSHIP: 7 organizations which represent oilseed production, processing and marketing.

OBJECTIVES & ACTIVITIES: Represent the interests of the oilseed market in the framework of the EEC rules and French legislation on interprofessional organizations.

Societe Interoleagineuse D'Assistance et de Developpement (S.I.A.) ★ (GA)

Service Documentation, 12, Avenue George V, Paris 75008, FRANCE; PH: 60.69.68.00; FAX: 67.23.82.30.

CONTACT: Sophie Criton, Documentalist

FOUNDED: 1978

MEMBERSHIP: 80 individuals.

OBJECTIVES & ACTIVITIES: Lobby for oleogeanous.

GERMANY, DEMOCRATIC REPUBLIC OF (EAST GERMANY)

Nahrung Export-Import ★ (GA)

Schicklerstrasse 7, 1020 Berlin, GERMAN DEMOCRATIC REPUBLIC; PH: 37/2/21480; TLX: 114893.

CONTACT: Manfred Wolf, Gen. Dir.

OBJECTIVES & ACTIVITIES: Sole importer of soybeans and soybean products.

ZENTRAL - KOMMERZ GmbH ★ (GA)

Parkstrasse 4-A, Berlin 1100, GERMAN DEMOCRATIC REPUBLIC.

CONTACT: Gerhard Kuhse, Dir. Gen.

**GERMANY, FEDERAL REPUBLIC OF
(WEST GERMANY)**

American Soybean Association/North Europe ★

Pelzerstraße 13, 2000 Hamburg 1, FEDERAL REPUBLIC OF GERMANY; PH: 0049/040/330516 or 336783; TLX: 2163420 (SOYA D); FAX: 49/40/327122.

CONTACT: Dr. Karl Fangauf, Dir.

FOUNDED: 1960

MEMBERSHIP: Soybean processing industry and feed, fats and oil manufacturers.

OBJECTIVES & ACTIVITIES: Marketing activities: extensive consulting, advertising, public relations addressed to consumers, industry and trade as well as research work in order to improve the quality of soybeans.

Deutsche Gesellschaft für Ernährung (DGE) ★

(German Society of Nutrition)

Feldbergstrasse 28, D-6000 Frankfurt 1, FEDERAL REPUBLIC OF GERMANY; PH: 069/720146.

CONTACT: Volker Peinelt, Food Scientist

FOUNDED: 1953

MEMBERSHIP: 1,700 individuals; 150 firms.

OBJECTIVES & ACTIVITIES: Advise in matters of nutrition for individuals and mass catering; sponsor scientific meetings and publications.

PUBLICATIONS: Ernährungsuorschau, monthly, Ernährungsbericht, every 4 years, Empfehlungen Für Die Nährstoffzufuhr, every 5 years. Numerous publications of data and research on various matters of nutrition; list available.

Deutsche Gesellschaft für Fettwissenschaft e.V. ★

(German Society for Fat Science)

Soester Straße, 13, D-4400 Münster, FEDERAL REPUBLIC OF GERMANY; PH: 0251/64745.

CONTACT: Heinrich Bruning, Dir.

FOUNDED: 1936

MEMBERSHIP: 300 individuals; 150 firms.

OBJECTIVES & ACTIVITIES: Promote unity and common goals among different disciplines within the fats industry.

PUBLICATIONS: Fett Wissenschaft Technologie (Fat Science Technology), 14 times/yr., DM450,80.

Margarine-Institut für Gesunde Ernährung

Friesenweg 1, D-2000 Hamburg 50, FEDERAL REPUBLIC OF GERMANY; PH: 040/882091.

CONTACT: Peter A. Zanger, Dir.

FOUNDED: 1962

MEMBERSHIP: 11 margarine manufacturers.

OBJECTIVES & ACTIVITIES: To improve the image of vegetable premium margarine through PR activities by providing information on raw materials, manufacturing and product properties (include health aspects).

PUBLICATIONS: Pressedienst Margarine Institut (PDM) 6 times/yr, free of charge.

Verband Deutscher Oelmuhlen e.V. ★

Kronprinzenstrasse 24, D-5300 Bonn 2, FEDERAL REPUBLIC OF GERMANY; PH: 0228-363056;

TLX: 885630 (OELVB D); FAX: 0228/361268.

CONTACT: Hanno Juhe, Secy. Gen.

FOUNDED: 1901

MEMBERSHIP: 1 individual, 15 firms active in the seed-crushing and oil refining business.

OBJECTIVES & ACTIVITIES: Representation of the industry and its interests to national authorities, legislative bodies and trade associations through membership in European and international trade associations.

Verein der Getreidehandler der Hamburger Borse e.V.

Borse-Kontor 24, Adolphsplatz 1, D-2000 Hamburg 11, FEDERAL REPUBLIC OF GERMANY; PH: 040/362025; TLX: 17/403968 (VDGH); FAX: 040/362029.

CONTACT: Ferdinand Kemme, Dir. Gen.

FOUNDED: 1868

MEMBERSHIP: 165 firms; importers, exporters and merchants of grain, feedstuffs, legumes, seeds and the respective brokers.

OBJECTIVES & ACTIVITIES: Taking the interest of the trade, representing and administering the exchange and arbitrations.

GUATEMALA

ANAVI ★ (GA)

Av. de la Reforma 8-60, Zona 9, Edif. Galerías Reforma, 9º Nivel, Guatemala City, GUATEMALA; PH: 502/2/311381 or 311389; TLX: 6215 (ANAVI GU); FAX: 502/2/347576.

CONTACT: Mario A. Motta, Gen. Mgr.

HONDURAS

Ministerio de Recursos Naturales ★ (GA)

Tegucigalpa, HONDURAS.

CONTACT: Cesar Noe Pino

HUNGARY

AGRIMPEX ★ (GA)

Munich Ferenc u.22, Budapest 1392, HUNGARY; PH: 36/1/1113-800; TLX: 225751.

CONTACT: A. Vermes, Gen. Dir.

OBJECTIVES & ACTIVITIES: Soybeans, soy meal, soybean oil.

Agrokomplex Central Soya Takarmanyozastechnologiai Egyuttmukodes ★

(Agrokomplex, Central Soya Cooperation for Feeding Technology)

Zichyujfalu 8112, HUNGARY; PH: 36/06-22/11145-218; TLX: 21249.

CONTACT: Gabor Reischl, Dir.

“ See Soya Statistics ”

For Data On World Soybean Production, Processing, Products and Exports & Imports

FOUNDED: 1970

MEMBERSHIP: 355 firms including state farm and farm cooperatives.

OBJECTIVES & ACTIVITIES: Supply members with complete premixes and finished feeds.

PUBLICATIONS: Agrokomplex Informatio, quarterly.

Grain Trust-Hungary (GA)

Dorottya 1, P.O. Box 232, Budapest 1368, HUNGARY; PH: 36/1/183900; TLX: 22-4451.

CONTACT: Daniel Lacfi, Gen. Mgr.

FOUNDED: 1965

MEMBERSHIP: 19 county enterprises, 1 research institute and 1 service center.

OBJECTIVES & ACTIVITIES: Grain Trust is responsible for: (1) procuring of wheat, maize & other feedstuffs; (2) milling for human consumption (100% of the country); (3) producing mixed feed for domestic animals (50% of the country).

PUBLICATIONS: GABONAI PAR (Grain Industry); quarterly; no cost.

Magyar Elelmezézipari Tudományos Egyesület ★

(Hungarian Scientific Society for Food Industry)

Akademia Utca 1-3, P.O. Box 5, H-1361 Budapest, HUNGARY; PH: 36/1/122-859;

TLX: 225792 (MTESZ).

CONTACT: Istvan Toth-Zsiga, Secy. Gen.

FOUNDED: 1949

MEMBERSHIP: Approximately 12,000 individuals. Membership is free for scientists and practical technicians.

OBJECTIVES & ACTIVITIES: Develop and stimulate research in all fields of the food industry; to interpret results and transmit findings to those in the practice.

INDIA

The Bombay Oilseeds & Oils Exchange Ltd. ★

Jenabai Building, Yusuf Meherally Road, P.O. Box 13009, Bombay 400 003, Maharashtra, INDIA;

PH: 91/22/324361 or 321510.

CONTACT: Gunvant K. Shah, Secy.

FOUNDED: 1938

MEMBERSHIP: 500 traders/manufacturers of oilseeds, oils and oilcakes and articles manufactured out of same.

OBJECTIVES & ACTIVITIES: Promote and protect the interests of the persons engaged in the trade or business of oilseeds, oils, oilcakes and articles manufactured out of same.

PUBLICATIONS: Oilseeds & Oils Bulletin, daily, RS. 400/non-members, RS. 300/members; Oils & Oilseeds Journal, monthly, RS. 240/domestic, US \$35/foreign.

Cooperative League of the USA (CLUSA)

805 Chiransiv Tower, 43 Nehru Place, New Delhi 110 019, INDIA; PH: 91/11/641-7374;

TLX: 031-62584.

CONTACT: Thomas R. Carter, Rep.

FOUNDED: 1916

MEMBERSHIP: 400 firms or organizations which are cooperative businesses of all kinds.

OBJECTIVES & ACTIVITIES: The promotion of business development and trade relationships, mutual cooperation and education.

— All Listings Are Free Of Charge —
Please Contact Soyatech, Inc. for more information

The Grain, Rice and Oilseeds Merchants Association

72-80 Yusuf Meheralli Road, Bombay 400003, INDIA; PH: 324021 or 324022.

CONTACT: R. J. Bhatt, Secy.

FOUNDED: 1899

MEMBERSHIP: 1,049 traders dealing in wholesale foodgrains and oilseeds.

OBJECTIVES & ACTIVITIES: Promote the foodgrains and oilseeds trade.

PUBLICATIONS: Vanijya, monthly, RS.10/yr.

Indian Oil and Produce Exporters Association

78-79 Bajaj Bhawan, 7th Floor, Nariman Point, Bombay 400 021, Maharashtra, INDIA;

PH: 91/22/202-3225 or 202-9295; TLX: 011-5637 (IOPE).

CONTACT: G. Chandra Shekhar, Secy.

FOUNDED: 1956

MEMBERSHIP: 240 processors and exporters of oilseeds, edible peanuts and castor oil; merchants, brokers, surveyors, etc.

OBJECTIVES & ACTIVITIES: To promote production and export of oilseeds and edible peanuts; appointed by the government of India as the agency to monitor and promote export; dissemination of market information.

PUBLICATIONS: IOPEA Trade Vision, monthly (suspended for the time being), for members only.

Indian Vegetable Oil Export Association (IVOE)

c/o I.O.P.E.A., 78/79 Bajaj Bhawan, 7th Floor, Nariman Point, Bombay 400014, Maharashtra, INDIA;

PH: 022/2023225 or 2029295; TLX: 011-5637 (IOPE).

CONTACT: G. Chandra Shekhar, Secy.

MEMBERSHIP: 30 manufacturers of castor oil; exporters of castor oil, meal and castor derivatives.

OBJECTIVES & ACTIVITIES: Promote export of castor oil and derivatives from India.

Kurnool Oil Millers' Association, Shop 1

Agricultural Market Yard, Ballary Road, Kurnool 518003, INDIA; PH: 91/08518/20598.

CONTACT: Chandrakant Shah, Pres.

FOUNDED: 1973

MEMBERSHIP: 14 firms manufacturing groundnut, cottonseed and sunflower oil.

OBJECTIVES & ACTIVITIES: Inform members of all various government orders, taxation and labor laws and work as a liaison between government and members.

The Madras Oil and Seeds Association ★

16, Francis Joseph Street, P.O. Box 1639, Madras 600 001, Tamil Nadu, INDIA; PH: 583318 or 587893.

CONTACT: T. R. Thambu Reddi, Secy.

FOUNDED: 1946

MEMBERSHIP: 26 individuals; 275 firms or organizations. Twelve Managing Committee Members get elected yearly by the General Body who look after administration and other matters.

OBJECTIVES & ACTIVITIES: To do chamber work; act as a liaison with government and other agencies in solving problems of trade; analyze oilseeds, oils and oilcakes, etc.; circulate statistics and other important matters among members.

PUBLICATIONS: Daily Market Report, daily, RS. 150/yr.

Oils and Seeds Importers Association of India

78-79 Bajaj Bhawan, 7th Floor, Nariman Point, Bombay 400 021, Maharashtra, INDIA;

PH: 91/22/202-3225 or 202-9295; TLX: 011-5637 (IOPE).

CONTACT: G. Chandra Shekhar, Secy.

FOUNDED: 1978

MEMBERSHIP: 150 importers and dealers in oils, oilseeds and fats; brokers, surveyors,

Organizations and Government Agencies

manufacturers of oils, oilmeals, etc.

OBJECTIVES & ACTIVITIES: To coordinate and monitor imports of oils, seeds and fats into India; to assist members in their import operations; to act as a liaison with the government on matters of interest to trade.

Protein Foods and Nutrition Development Association of India (PFNDAI)

Mahalaxmi Chambers, 22 Bhulabhai Desai Road, Bombay 400 026, Maharashtra, INDIA;

PH: 91/22/492-8858 or 493-8998.

CONTACT: Hattiangadi S. Gurudas, Exec. Dir.

FOUNDED: 1968

MEMBERSHIP: 40 firms or organizations and 5 individuals who are the leading manufacturers of foods, beverages and related products such as equipment; government organizations concerned with food and nutrition; R & D institutions and others interested in this field.

OBJECTIVES & ACTIVITIES: Nutrition education, surveys and consultancy to national and international organizations. Assist government in the formulation of standards and legislation. Currently deeply involved in soyfood promotion in India.

PUBLICATIONS: PFNDAI Newsletter, monthly RS .120/yr.

The Soybean Processors Association of India (SOPA) ★

Scheme No. 53, Malviya Nagar, A.B. Road, Indore - 452 008, M.P., INDIA; PH: 38554 or 23668;

TLX: 0735-308 (SOPA IN).

CONTACT: Dr. G.A. Sulebele, Chief Exec.

FOUNDED: 1977

MEMBERSHIP: 93 processors, exporters; 221 allied traders, brokers.

OBJECTIVES & ACTIVITIES: To promote agriculture, processing and marketing of soybeans and products derived therefrom; export of soybean meal; assist exporters; monitor exports on behalf of the government of India; and to conduct R & D work with a view to advance technology for the manufacture and utilization of soybeans, soybean products & by-products.

PUBLICATIONS: SOPA Digest, monthly.

The State Trading Corp. of India, Ltd. (GA)

Market Information & Research Div., Chandralok, 36 Janpath, New Delhi 110001, INDIA;

PH: 322204; TLX: 2167 or 2168 or 3057.

CONTACT: P. Kumar, Mktg. Mgr.

INDONESIA

BULOG (National Logistic Agency) ★ (GA)

Jalan Jenderal, Gatot Subroto Kav 49, Jakarta, INDONESIA; PH: 62/21/512209;

TLX: 073-7964-4303.

CONTACT: Bustanil Arifin, Chrman.

PT. PP. BERDIKARI (GA)

J1.M.I. Ridwan Rais No. 7, Jakarta 10110, INDONESIA; PH: 636633 or 634455;

TLX: 41311 (BERDIK IA).

CONTACT: H. Ahmad Nurhani, Vice Pres.

OBJECTIVES & ACTIVITIES: Domestic distribution of soybeans.

— SOYATECH PUBLICATIONS —
SOYA INTERNATIONAL (Quarterly) . SOYA BLUEBOOK (Annual)

ITALY

Associazione Italiana Dell'Industria Olearia (ASSITOL)

(Italian Oil Industry Association)

3, Via del Governo Vecchio, 00186 Rome, ITALY; PH: 06/6543251; TLX: 610552 (ASSIOL I).

CONTACT: Giorgio Cileni, Gen. Dir.

FOUNDED: 1972

MEMBERSHIP: Approximately 100 firms involved with olive oil, seed oil, technical oils, refined olive residue oil, margarine, vegetable proteins, semi-raw materials and improvers for the bakery and confectionery industry.

OBJECTIVES & ACTIVITIES: Represent members and their interests.

PUBLICATIONS: Bulletin, monthly, for members only.

JAMAICA

Jamaica Commodity Trading Co., Ltd. (GA)

8 Ocean Blvd., P.O. Box 47, Kingston, JAMAICA.

JAPAN

American Soybean Association/Japan ★

Akasaka Tokyo Building, 11 Floor, 2-14-3, Nagata-cho, Chiyoda-ku, Tokyo 100, JAPAN;

PH: 81/03/593-2501 TLX: 23-7402322 (SOYA-UC); FAX: 81/3/593-9177.

CONTACT: Lars Wiedermann, Dir.

FOUNDED: 1956

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture, Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

Japan Margarine, Shortening and Lard Industries Association ★

27-8, 3-Chome, Nihonbashi, Hamacho, Chuo-ku, Tokyo 103, JAPAN; PH: 03/666-6159.

CONTACT: Mitsuo Shimura, Man. Dir.

FOUNDED: 1947

MEMBERSHIP: 26 firms, manufacturers of margarine, shortening, refined lard, refined processed oils and fats, fats spreads, etc.

OBJECTIVES & ACTIVITIES: Cultivate mutual friendship and exchange information; improve production technology and ensure sanitation, distribution and promotion of safety for edible processed oils and fats; improve distribution and promote consumption of edible processed oils and fats; support research and development; compile statistics and information; and to submit a report to enquiries by government and municipal offices offering the industries opinions.

Japan Oilseed Processors Association

Yushi Kogyo Kaikan Building, 13-11, 3-Chome, Nihonbashi, Tokyo 103, JAPAN; PH: 03/271-2705;

FAX: 03/271-2707.

CONTACT: Hiroshi Higashimori, Man. Dir.

FOUNDED: 1962

MEMBERSHIP: 30 Japanese oilseed processors.

OBJECTIVES & ACTIVITIES: To protect the interests of members and the industry.

PUBLICATIONS: Wagakuni No Yushijijyo (Report on Oil & Fats) annually, ¥2,200.00; Yushi Geppo (Report on Oil & Fats) monthly, ¥800.00.

Japan Vegetable Protein Food Association ★

5th Floor, Yamagata Building, 1-23-10 Toranomon, Minato-ku, Tokyo 107, JAPAN;
PH: 03/591-2524.

CONTACT: Kazuo Imaisumi, Man. Dir.

FOUNDED: 1975

MEMBERSHIP: 14 manufacturers of soy protein and wheat protein.

OBJECTIVES & ACTIVITIES: We are a quasi-governmental agency of MAFF (Food, Oils and Fats Division) subsidized by MAFF which conducts market research on utilization of vegetable proteins in association with MAFF; represent member companies in negotiations with MAFF on regulatory matters; conduct promotional campaigns.

Nihon Shoyu Kyokai ★

(The Japan Soy Sauce Brewers Association)

No. 11-3, Koami-cho, Nihonbashi, Chuo-ku, Tokyo 103, JAPAN; PH: 81/03/666-3286.

CONTACT: Kyujiro Itoh, Man. Dir.

FOUNDED: 1948

MEMBERSHIP: 5 firms and 1 organization representing 2,700 soy sauce manufacturers.

OBJECTIVES & ACTIVITIES: Promote the international soy sauce industry.

Yuryo Yushutsunyu Kyogikai ★

The Japan Oil & Fat Importers & Exporters Association (JOFIEA)

6th Floor, Kyodo Building (Shinhoridome), 10-12, Nihonbashi Horidome-cho, Chuo-ku, Tokyo 103, JAPAN; PH: 03/662-9821; FAX: 03/667-7867.

CONTACT: Hideo Kawahara, Exec. Dir.

FOUNDED: 1951

MEMBERSHIP: 20 firms or organizations which are trading houses for oilseeds, oils & fats.

OBJECTIVES & ACTIVITIES: To coordinate import & export transactions for soybeans, oil-bearing seeds.

PUBLICATIONS: Statistics of Oilseeds, Oils & Oilcakes, annual, free of charge.

Zenkoku Margarine Seizo Kyodo Kumiai ★

(Japan Margarine Manufacturers Cooperative)

3-27-8, Nihonbashi Hamacho, Chuo-ku, Tokyo 103, JAPAN; PH: 81/03/661-2561.

CONTACT: Shigeru Iwama, Exec. Dir.

FOUNDED: 1955

MEMBERSHIP: 12 manufacturers of margarine, shortening, refined lard and/or other processed edible oil products.

OBJECTIVES & ACTIVITIES: Arrange joint business transactions (purchases, sales, etc.) and financing for members; promote and protect the interests of members.

Zenkoku Tofu Aburage Shoko Kumiai Rengokai ★

(Japan Tofu & Fried Tofu Association)

1-16-22 Ueno, Taito-ku, Tokyo 110, JAPAN; PH: 81/03/833-9351.

CONTACT: Tetsuya Sato, Gen. Mgr.

FOUNDED: 1939

MEMBERSHIP: 13,714 individuals (tofu manufacturers) who belong to 46 prefectural tofu associations.

OBJECTIVES & ACTIVITIES: Support the management of member tofu shops through education programs on tofu marketing, including labeling requirements; data collection of tofu industries; cooperative purchase of raw materials, cleaning and distribution of soybeans; tofu and soymilk point of sales promotions.

PUBLICATIONS: Zentoren-Dayori, monthly, free.

KENYA**National Cereals & Produce Board (GA)**

P.O. Box 30586, Nairobi, KENYA; PH: 555288 or 555708; TLX: 22769 (MARKETER).

CONTACT: William K. A. Kikwai, Man. Dir.

**KOREA, REPUBLIC OF
(SOUTH KOREA)****Agriculture & Fishery Marketing Corp. ★ (GA)**

191, 2-ka, Hankang-Ro, Yongsan-ku, Seoul, SOUTH KOREA; PH: 82/2/795-8201; TLX: 23297 (AAFMC K).

CONTACT: Jin Kyu Kim, Vice Pres.

OBJECTIVES & ACTIVITIES: Soybean sprouts.

American Soybean Association/South Korea ★

Press-Center, 8th Floor, 25, Taepyung-ro 1-ka, K.P.O. Box 1704, Seoul 100-745, SOUTH KOREA; PH: 02/738-7056; TLX: K22276 (ASASEL); FAX: 82/2/736-5501.

CONTACT: Kyung Lee, Dir.

FOUNDED: 1920

MEMBERSHIP: 550,000 individuals.

OBJECTIVES & ACTIVITIES: To expand the U.S. soybean market in the world. To achieve this goal, ASA operates 11 overseas offices whose activities include: consumer education, trade servicing, organizing trade teams and seminars, publishing technical papers, etc.

Korea Feed Association ★ (GA)

1581-13 Seocho-dong, Kangnam-ku, Seoul, SOUTH KOREA; PH: 82/2/581-5731; TLX: 22835 (KOFEE K).

CONTACT: Keel Chung Chi, Gen. Mgr., Bus. Dept.

OBJECTIVES & ACTIVITIES: Soybean meal.

Korean Soybean Curd Cooperative Federation ★ (GA)

Hyo Bong Bldg., Room 201, 1306-1, Seo-Dong, Kang nam-ku, Seoul 135, SOUTH KOREA; PH: 82/2/725-6763 or 722-1720 or 725-7273.

CONTACT: Jum Rak Kim, Pres.

National Agricultural Cooperative Federation (NACF) ★ (GA)

1-75, Choong Geong-Ro, Joong ku, Seoul 100, SOUTH KOREA; PH: 082/02/737-0021; TLX: 27421 (NACOA K).

CONTACT: Yong Sung Hah, Dpty. Gen. Mgr.

OBJECTIVES & ACTIVITIES: Food soybeans.

National Livestock Cooperative Federation ★ (GA)

17-9, Yoido-dong, Youngdungpo-ku, Seoul, SOUTH KOREA; PH: 82/2/783-0051; TLX: 23517 (NALICOF K).

CONTACT: Ki Kil Chun, Gen. Mgr., Feed Dept.

OBJECTIVES & ACTIVITIES: Soybean meal.

MEXICO

American Soybean Association/Mexico & Caribbean Basin ★

Rio Sena No. 26, Col Cuauhtemoc, Mexico City 06500, D.F., MEXICO; PH: 566-9490 or 705-1633; TLX: 023-740-7461 (SOYA UC); FAX: 52/5/705-1758.

CONTACT: Kenneth Shwedel, Dir.

FOUNDED: 1946

MEMBERSHIP: 14 individuals.

OBJECTIVES & ACTIVITIES: We represent U.S. soybean farmers providing soybean users with: technical information and assistance in processing and refining soybeans and products, marketing and promotion programs for soybeans and products, as well as nutrition information and assistance in formulating livestock feeds and human diets.

PUBLICATIONS: Soyanoticias, quarterly, no charge.

Asociacion Mexicana de Especialistas en Nutricion Animal, A.C. ★

(Mexican Association of Animal Nutrition Scientists)

Rio Coatzacoalcos #1, Cuernavaca 62290, Morelos, MEXICO; PH: 52/73/154738;

FAX: 52/73/151098.

CONTACT: Francisco J. Tirado, Nutr. Mgr.

FOUNDED: 1972

MEMBERSHIP: 400 individuals; 70 firms or organizations, agronomists, veterinarians, chemists at the Bachelor, Master and Ph.D. degree level of the sciences.

OBJECTIVES & ACTIVITIES: Increase people's and technicians' knowledge of animal requirements, husbandry, chemical analyses of raw material through modern techniques. Organizing symposiums, seminars and national and international congresses yearly in order to improve technicians' knowledge.

PUBLICATIONS: 4th National Congress, 1989, annual, no cost.

Asociacion Nacional de Especialistas en Ciencias Avicolas.

Mexico (ANECA)

(Mexican Association of Avian Pathologists)

Hacienda de Canutillo No. 8-4, Col. Villa Quietud, P.O.B. 22-814, Mexico D.F. 04960, MEXICO; PH: 5/6711354.

CONTACT: Ernesto S. Priante, Library Coordinator

FOUNDED: 1970

MEMBERSHIP: 500 individuals, 5 organizations working in the poultry industry.

OBJECTIVES & ACTIVITIES: Promote the education of students and veterinarians working in the poultry industry to improve the educational grade.

MOROCCO

Service de Industries Alimentaires Direction de l'Industrie ★ (GA)

Minister du Commerce et de l'Industrie, Rabat, MOROCCO; PH: 64502; TLX: 31872.

CONTACT: Dir. Gen.

NETHERLANDS

Vereniging van Nederlandse Fabrikanten van Eetbare

Olien en Vetten (VERNOF) ★

(Dutch Seed Crushers and Oil Processors Association)

Raamweg 44, 2596 HN, The Hague, NETHERLANDS; PH: 31/70/468812; TLX: 32616 (OVEMA NL).

CONTACT: C. J. M. Meershoeck, Exec. Dir.

FOUNDED: 1912

MEMBERSHIP: 11 firms; seed crusher and oil processing companies.

OBJECTIVES & ACTIVITIES: Represent and defend the economic interests of member companies as well as those of the national and international industry.

NICARAGUA

Empresa Nicaraguenese de Alimentos Basicos (ENABAS) ★ (GA)

Frsnte Cerveceria, Victoria, Antiguo Ince, Managua, NICARAGUA.

CONTACT: Urias Ugalde, Mgr.

NIGERIA

Ministry of Agriculture & Natural Resources ★ (GA)

P.M.B. 2038, Makurdi, Benue State, NIGERIA.

CONTACT: Chief Agricultural Officer

State Department of Agriculture ★ (GA)

17/27 Moloney Street, P.M.B. 2613, Lagos, NIGERIA; PH: 632601 or 632231;

CABLE: FEDAG Lagos.

CONTACT: C. C. Anojulu, Dir.

PAKISTAN

Pakistan Poultry Association

47-A, Modern Housing Society, Block 788, Tipu Sultan Road, P.O. Box 18108, Karachi 75350, Sind, PAKISTAN; PH: 438931; TLX: 25736 (KAYS PK) (Attn: PPA).

CONTACT: Moxafer Islam, Central Secy.

FOUNDED: 1979

MEMBERSHIP: 3500 firms or organizations; 10,000 poultry farmers; 150 hatcheries; 120 feed mills; and allied members of equipment dealers, pharmaceuticals, supplies, egg & chicken dealers, etc.

OBJECTIVES & ACTIVITIES: To provide facilities for and foster, encourage, secure and maintain a good and close relationship and unanimity among members and the trade in general and to promote and protect their business interests. Also, to do all that is necessary for the furtherance and development of poultry farming in Pakistan.

PUBLICATIONS: Pakistan Poultry, monthly, US \$60.

PANAMA

Institute de Mercadeo Agropecuario (IMA) ★ (GA)

Apartado 5638, Panama City 2, PANAMA; PH: 507/61-1602.

CONTACT: Jose Barrios

PERU

Empresa Nacional de Comercialización de Insumos (ENCI) (GA)

EXCLUSIVE TRADING AGENCY

Camino Real 111, 5º Piso - San Isidro, Casilla 1834, Lima 27, PERU; PH: 51/14/409359; TLX: 21529/30/31/32/33 (PE-ENCIPERU); FAX: 51/14/409359.

CONTACT: Maria C. Rodriguez Pastor, Imports Mgr.

FOUNDED: 1973

OBJECTIVES & ACTIVITIES: To import and commercialize foodstuffs and fertilizers in the national market.

PHILIPPINES

National Food Authority ★ (GA)

Matimyas Bldg., 101 E. Rodriguez Avenue, Quezon City, PHILIPPINES; PH: 63/2/712-1575; TLX: 075-742-42007 (NGA PM).

CONTACT: Roberto H. Goce, Dir., Int'l. Mkting.

OBJECTIVES & ACTIVITIES: Importer of soybeans and soybean meal for emergency needs.

Soybeans, meal, soybean oil and other soybean products are also purchased by the private sector.

Philippine Association of Feedmillers, Inc.

Maligaya Building III, Room 302, Quezon City 1111, PHILIPPINES; PH: 721-0906 or 722-2912.

CONTACT: Augusto L. de Leon, Pres.

FOUNDED: 1951

MEMBERSHIP: 11 firms; manufacturers of animal feeds.

OBJECTIVES & ACTIVITIES: Work together for members' common good; cooperate with government in enhancing economic progress and developing the country's livestock industry.

POLAND

ROLIMPEX ★ (GA)

ul. Chalubinskiego 8, P.O. Box 364, Warsaw 00613, POLAND; PH: 48/22/30-0633; TLX: 814341.

CONTACT: Andrzej Cieslakiewicz, Dir.

PORTUGAL

Associação Portuguesa dos Industriais de Alimentos

Compostos para Animais (I.A.C.A.) ★

(Portuguese Association of Feed Manufacturers)

Av. 5 de Outubro, 21-2º Esq., P-1000 Lisbon, PORTUGAL; PH: 351/1-535091; TLX: 42510

(IACA P); FAX: 351/1-2480217.

CONTACT: Luis Marques, Gen. Secy.

FOUNDED: 1975

MEMBERSHIP: 2 individuals and 88 firms; certified feed manufacturers.

OBJECTIVES & ACTIVITIES: Promote feed production; survey markets; provide studies and information on raw materials, animal feed legislation, general economic questions.

PUBLICATIONS: Informacao 1, twice each month; Informacao 2, irregularly.

ROMANIA

Prodexport ★ (GA)

Piatza Walter Maracineanu 1-3, Bucharest, ROMANIA; TLX: 11527.

CONTACT: Aurel Antoniu, Gen. Mgr.

OBJECTIVES & ACTIVITIES: Soybeans, soy meal and soybean pellets.

SAUDI ARABIA

Grain Silos & Flour Mills Organization (GA)

P.O. Box 3402, Riyadh 11471, SAUDI ARABIA; PH: 464-3500; TLX: 402560 (SAWAMI).

CONTACT: Hamad Toaimi, Foreign Purchasing Mgr.

SINGAPORE

American Soybean Association/Southeast Asia ★

541 Orchard Road, #11-03 Lait Towers, Singapore 0923, SINGAPORE; PH: 737-6233 or 737-6561; TLX: 786-56971 (USSOY RS).

CONTACT: David Thomason, Dir.

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture, Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

SOUTH AFRICA

Oilseeds Board (GA)

P.O. Box 211, Pretoria 0001, SOUTH AFRICA; PH: 325-5000; TLX: 5320894 or 5321346.

CONTACT: Gen. Mgr.

SPAIN

American Soybean Association/MidEast, Iberia & Africa ★

Juan Alvarez Mendizabal #3, 3, Madrid 28008, SPAIN; PH: 242-2900; TLX: 46008 (SOYA E); FAX: 34/1/542-6123.

CONTACT: Arno Partner, Regional Dir.

FOUNDED: 1920 (main office)

MEMBERSHIP: 422,000 soybean farmers.

OBJECTIVES & ACTIVITIES: To promote markets, uses and policies that allow U.S. soybean farmers to produce and sell soybeans competitively and profitably; to continue increases in demand for U.S. soybeans through free and open access into worldwide markets; to assure adequate support for soybean utilization and production research.

PUBLICATIONS: Animal Nutrition Highlights (French, Spanish), bi-monthly, free; Human Nutrition Highlights (French, Spanish), bi-monthly, free; Animal Nutrition Research Highlights, bi-monthly, free.

— To Order Additional Soya Bluebooks See Order Form On Page 360 —

Asociacion Española de Exportadores de Aceite de Soja

(Spanish Soybean Oil Exporters Association)

Calle Diego de León, 34, 3º A, Madrid 28006, SPAIN; PH: 34/1/262-1431; TLX: 44092 (SOYE E); FAX: 262-1431.

CONTACT: Georges Laffaille, Gen. Mgr.

FOUNDED: 1981

MEMBERSHIP: 6 major Spanish soybean crushing plants.

OBJECTIVES & ACTIVITIES: To channel the soybean oil (crude & refined) exports of the Association's members; to provide them with all pertinent information necessary to their activity; to maintain contacts with Spanish official entities and important international bodies related to soybean oil exports.

Asociacion Española de Fabricantes de Margarina ★

(Spanish Association of Margarine Manufacturers)

Apartado 791, 48080 Bilbao, SPAIN; PH: 34/4/463-4400; TLX: 32737 (AGRASA).

CONTACT: F. Javier Herrero-Velarde, Pres.

FOUNDED: 1978

MEMBERSHIP: 350 individuals; 15 firms.

OBJECTIVES & ACTIVITIES: Defend the interests of Spanish feed manufacturers.

Confederacion Espanola de Fabricantes de Alimentos Compuestos Para Animales (CESFAC)

(Spanish Association of Feed Manufacturers)

Gran Via, 68-1º, 28013 Madrid, SPAIN; PH: 1/542-0505; TLX: 27270 (GRUPI-E); FAX: 1/2480217.

CONTACT: Manuel G. Mendez, Dir.

FOUNDED: 1987

MEMBERSHIP: 35 individuals, 15 firms or organizations.

OBJECTIVES & ACTIVITIES: Defend the interests of Spanish feed manufacturers.

SWEDEN

Föreningen Svenska Margarinllverkare

(Association of Swedish Margarine Manufacturers)

Box 5501, Stockholm S-11485, SWEDEN; PH: 08/783-8000; TLX: 19990 (SWEDIND S).

CONTACT: Goran Holmquist, Dir. General

FOUNDED: 1982

MEMBERSHIP: 3 firms; margarine manufacturers.

Nordiskt Forum for Lipid Forskning och Teknologi (LIPIDFORUM) ★

(Scandinavian Forum for Lipid Research and Technology)

c/o SIK - The Swedish Food Institute, Box 5401, S-40229 Goteborg, SWEDEN; PH: 46/31/400120; TLX: 21651 (SIK S).

CONTACT: Reinhard Marcuse, Secy. Gen.

FOUNDED: 1969

MEMBERSHIP: Approximately 500 individuals and 100 firms; individuals, scientific institutions and industrial companies.

OBJECTIVES & ACTIVITIES: Arrange meetings: (1) "Scandinavian Symposia on Lipids", each second year with broad spectrum programs alternating in the five Nordic countries, (2) specialized symposia on specific items.

PUBLICATIONS: Newsletters, 2 times/yr, free to members; Proceedings, for purchase by members and non-members; list available.

SYRIA

Foreign Trade Organization for Chemicals & Foodstuffs (GEZA) (GA)

P.O. Box 893, Damascus, SYRIA; PH: 228521 or 225421; TLX: 411009 or 411370 (GEZA SY).

CONTACT: Ilfat Haman, Dir., Veg/Oil Dept.

General Organization for Fodder (GA)

P.O. Box 4797, Damascus, SYRIA; PH: 221893 or 221689; TLX: 411089 or 411124 (ALAF SY).

CONTACT: Omar Kholani, Dir. Gen.

OBJECTIVES & ACTIVITIES: Importer of soybean meal.

TAIWAN

American Soybean Association/Taiwan ★

Kwang-Wu Building, Room 603, 386 Tun Hua South Road, Taipei 10099, TAIWAN ; PH: 781-2110 or 781-5880; TLX: 785-19422 (USBEANS).

CONTACT: Steve Chen, Dir.

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture, Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

The Asian Vegetable Research and Development Center (AVRDC) ★

P.O. Box 42, Shanhuia, Tainan 74199, TAIWAN; PH: 06/583-7801; TLX: 73560 (AVRDC);

FAX: 06/583-0009.

FOUNDED: 1972

MEMBERSHIP: Worldwide.

PUBLICATIONS: Annual Progress Report, annual, \$20 U.S.; Centerpoint, annual.

Food Industry Research & Development Institute ★

331 Food Road, P.O. Box 246, Hsinchu 30038, TAIWAN; PH: 886/035/223191;

FAX: 886/035/214016.

CONTACT: Paul C. Ma, Dir.

FOUNDED: 1967

MEMBERSHIP: 209 individuals and 1 firm or organization. The government: agriculture, economy, health and service. The industry: canning, frozen, fermentation, flavor and packaging.

OBJECTIVES & ACTIVITIES: To carry out basic and applied research on food science, technology and microbiology to help the local food industry (including soybean oil, tofu, soymilk, yuba and related soyfoods). Supplying market information, organizing training programs and providing chemical analysis for the food industries.

PUBLICATIONS: Food Industry (in Chinese), monthly, US \$34; Annual Report (both Chinese & English), annual, free; Food Industry Almanac (in English), annual, US \$20; Research Report (both Chinese & English), non-periodic, US \$3; Market Information (in Chinese), every 2 weeks, NT \$2,000.

Taiwan Feed Industries Association ★

368 Fu-Shing South Road, Section 1, 9th Floor, Taipei 10640, TAIWAN; PH: 886/2/702-8070.

CONTACT: K. C. Lin, Chrmn.

FOUNDED: 1966

MEMBERSHIP: 113 feed mills and feed traders; manufacturers of mixed feeds.

OBJECTIVES & ACTIVITIES: Act as a liaison between government and members on procurement and production; coordinate and provide technical and market information.

Taiwan Soy Sauce Industry Association ★

24 Pei-Ping East Road, 4th Floor - 3, Taipei, TAIWAN; PH: 886/2/341-0739 or 351-7726.

CONTACT: M. C. Chang, Secy. Gen.

FOUNDED: 1972

MEMBERSHIP: Manufacturers of soy sauce, miso and condiments.

OBJECTIVES & ACTIVITIES: Act as a liaison between government and members on procurement and production; coordinate and provide technical and market information.

Taiwan Tofu Association ★

9, Lane 133, Tai-Yuan Road, Taipei 102, TAIWAN; PH: 886/2/541-4494.

CONTACT: Y. P. Yang, Secy. Gen.

FOUNDED: 1954

MEMBERSHIP: Manufacturers of tofu, spiced dried tofu and tofu skin or involved in soyfood production and marketing.

OBJECTIVES & ACTIVITIES: Act as liaison between government and members on procurement and production; coordinate and provide technical and market information to members.

Taiwan Vegetable Oil Manufacturers Association ★

Chang-An East Road, 6th Floor, Pai-Fu Building 27, Section 1, Taipei 104, TAIWAN;
PH: 886/2/561-6351.

CONTACT: Daniel Yang, Secy. Gen.

FOUNDED: 1952

MEMBERSHIP: Manufacturers of soybean oil, soybean meal, peanut oil and salad oil or those involved with vegetable oil refining.

OBJECTIVES & ACTIVITIES: Act as liaison between government and members on procurement and production; coordinate and provide technical and market information.

TUNISIA

Banque National de Developpement ★ (GA)

Agricole, 3, Rue Jugurtha, 1002 Tunis, TUNISIA.

CONTACT: Ferid Mokhtar, Pres.

Institut National de Nutrition & Technologie Alimentaire ★ (GA)

Rue Aristide Briand, 1006 Bab Saadoun, Tunis, TUNISIA; PH: 663770.

CONTACT: Zouheir Kallel, Dir.

Ministry of Agriculture ★ (GA)

30, Rue Alain Savary, 1002 Tunis, TUNISIA.

CONTACT: Habib Najjar, Pres.

Union Tunisienne Industrie du Commerce et de l'Artisanat (UTICA) (GA)

103, Avenue de la Liberte, 1002 Tunis, TUNISIA; PH: 253434 or 253724; TLX: 13982.

CONTACT: Abdelkader Chaouch, Pres.

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UNITED SOVIET SOCIALIST REPUBLIC (U.S.S.R.)**PRODSYRIO Division of v/o EXPORTKHEB ★ (GA)**

Smolenskaja-Sennaja, 32/34, G-200 Moscow, U.S.S.R.; TLX: 411145.

CONTACT: V.K. Mishin, Dir.

OBJECTIVES & ACTIVITIES: Sole importer of oilseeds and meal.

UNITED STATES OF AMERICA (U.S.A.)**The American Association of Cereal Chemists (AACC) ★**

3340 Pilot Knob Road, St. Paul, MN, 55121 U.S.A.; PH: 612/454-7250; TLX: (MCI/WUI)

6502439657; FAX: 612/454-0766.

CONTACT: Raymond J. Tarleton, Exec. Vice Pres.

FOUNDED: 1915

MEMBERSHIP: 3,466 individuals, 234 firms or organizations: cereal science professionals throughout the U.S. and 90 other countries. Among its members are government and academic scientists as well as technically trained persons working within the cereal processing industries.

OBJECTIVES & ACTIVITIES: Members share the common desire to improve themselves through broadening their understanding of cereal science, stimulating their professional contacts and increasing their potential for advancement. The unique professional services, publications, meetings and activities provided by the AACC help members to achieve their goals.

PUBLICATIONS: Cereal Foods World, monthly, \$60/yr U.S., \$85/yr elsewhere; Cereal Chemistry, bi-monthly, \$120/yr U.S., \$135/yr elsewhere.

American Farm Bureau Federation ★

225 Touhy Avenue, Park Ridge, IL, 60068 U.S.A.; PH: 708/399-5748; FAX: 708/399-5896.

CONTACT: Timothy Price, Dir., Wheat, Feed Grains & Soybeans Dept.

FOUNDED: 1919

MEMBERSHIP: 3.7 million farmers and ranchers in U.S.

OBJECTIVES & ACTIVITIES: Independent, non-governmental, voluntary organization of farm and ranch families united for the purpose of analyzing their problems, formulating action to achieve educational improvement, economic opportunity, social advancement and thereby, promote the national well-being.

PUBLICATIONS: Farm Bureau News, weekly.

American Feed Industry Association, Inc. ★

1701 N. Ft. Myer Drive, 12th Floor, Arlington, VA, 22209 U.S.A.; PH: 703/524-0810;

FAX: 703/524-1921.

CONTACT: Barbara Estridge, Corp. Secy.

FOUNDED: 1909

MEMBERSHIP: 600 firms or individuals who manufacture and/or market animal feed, sell products incorporated into animal feed, sell equipment or supplies and services used in the manufacture and distribution of animal feed.

American Oil Chemists' Society (AOCS) ★

1608 Broadmoor Drive, P.O. Box 3489, Champaign, IL, 61821 U.S.A.; PH: 217/359-2344;

TLX: 4938651 (AOCS UI); FAX: 217/351-8091.

CONTACT: James C. Lyon, Exec. Dir.

FOUNDED: 1909

MEMBERSHIP: 4,000 individuals, 2,000 firms or organizations; AOCS is the professional home for more than 4,000 members in 80 nations working in edible fats and oils, lipids, soaps, surfactants and detergents, oleochemicals, proteins, nutrition, plant lipids, and related disciplines.

OBJECTIVES & ACTIVITIES: To be a forum for the exchange of ideas, information, and experience



In the United States and Around the World

The American Soybean Association represents U.S. soybean farmers providing soybean users: • **Technical Information and Assistance** in processing and refining soybeans and products • **Marketing and Promotion Programs** for soybeans and products • **Nutrition Information and Assistance** in formulating livestock feeds and human diets
The American Soybean Association has offices in:

MEXICO & THE CARIBBEAN BASIN

Rio Sena No. 26
Colonia Cuauhtemoc
MEXICO, D.F. 06500
Telephone: 566-9490
Telex: 23 7407461 (SOYA UC)

NORTH EUROPE

Pelzerstrasse 13
2000 Hamburg 1
FEDERAL REPUBLIC OF
GERMANY
Telephone: 33-0516
Telex: 841-2163420 (SOYAD)

KOREA

Press Center, 8th Floor
25, Taepyeongro 1-Ka
Chung-Ku
Seoul, KOREA
Telephone: 738-7056
Telex: 787-22276
(ASASELK22276)

EAST EUROPE

Gatterburggasse 18/2/3
A-1190 Vienna, AUSTRIA
Telephone: 36 82 18
Telex: 847-135132 (AMSOYA)

PEOPLE'S REPUBLIC OF CHINA

Citic International Building
25th Floor, Room 4
19 Jianguomenwai Street
Beijing 100004, PEOPLE'S
REPUBLIC OF CHINA
Telephone: 512-7125

JAPAN

Akasaka Tokyu Building
11th Floor
2-14-3 Nagatacho
Chiyoda-Ku
Tokyo 100, JAPAN
Telephone: 593-2501
Telex: 23 7402322 (SOYA UC)

IBERIA, MIDDLE EAST & AFRICA

Juan Alvarez Mendizabol #3,3°
Madrid 28008, SPAIN
Telephone: 542-2900/
6212/7212
Telex: 831-46008 (SOYAB)

TAIWAN

Room 603, Kwang-Wu Building
No. 386, Tun Hua South Road
Taipei, TAIWAN, ROC
Telephone: 781-2110

SOUTH AMERICA

Centro Plaza, Torre C, Piso 18
Av. Francisco de Miranda
Los Palos Grandes
Caracas 1062, VENEZUELA
Telephone: 283-2329
Telex: 395-29119 (USATOVC)

SOUTH ASIA

541 Orchard Road
11-03 Liat Towers
REPUBLIC OF
SINGAPORE 0923
Telephone: 737-6233
Telex: 23 740 7820 (BEANS UC)

WEST EUROPE

Centre International Rogier
Rooms 2501-2506, Boite 521
1210 Brussels, BELGIUM
Telephone: 217 20 75
Telex: 846-26128 (AMSOYAB)

American Soybean Association WORLD HEADQUARTERS

540 Maryville Centre Drive, Suite 400, Box 27300 St. Louis, MO 63141-1700
Phone: 314/576-1770 TELEX: 23 740 7716 SOYA UC FAX: 314/576-2786

among those with a professional interest in the science and technology of fats, oils, and related substances in ways that promote personal excellence and provide for high standards of quality.

PUBLICATIONS: Journal of the American Oil Chemists' Society (subscriber also receives INFORM), monthly, \$150/yr. (lib. and inst.); LIPIDS, monthly, \$175/yr. (lib. and inst.); INFORM (membership pub.), monthly, \$100/yr. (lib. and inst.).

The American Phytopathological Society ★

3340 Pilot Knob Road, St. Paul, MN, 55121 U.S.A.; PH: 612/454-7250; TLX: (MCI/WUI) 6502439657; FAX: 612/454-0766.

CONTACT: Raymond J. Tarleton, Exec. Vice Pres.

FOUNDED: 1908

MEMBERSHIP: 4,529 individuals and 59 firms or organizations representing a broad cross-section of the scientific community including research scientists, teachers, extension specialists, students, sales representatives, administrators, technicians, agricultural field representatives, and pest management personnel.

OBJECTIVES & ACTIVITIES: The common goal of this diversified group is to promote knowledge of plant science through publications, meetings, symposia, workshops and special activities.

PUBLICATIONS: Phytopathology, monthly, \$185/yr (U.S. individuals), \$220/yr (individuals elsewhere); Plant Disease, monthly, \$65/yr (U.S. individuals), \$95/yr (individuals elsewhere).

American Soybean Association (ASA) ★

540 Maryville Centre Drive, Suite 400, P.O. Box 27300, St. Louis, MO, 63141 U.S.A.; PH: 314/576-1770; FAX: 314/576-2786.

CONTACT: Dr. Kenneth L. Bader, CEO

FOUNDED: 1920

MEMBERSHIP: Active members: 32,000 U.S. soybean farmers.

OBJECTIVES & ACTIVITIES: Promoting soybeans and soybean products; conducting research to find new or improved uses for soybeans; conducting research to increase production efficiency; and formulating policies—domestic and trade—to enhance use of soybeans.

PUBLICATIONS: SOYBEAN DIGEST magazine, 12 times/yr, \$20 U.S., \$25 Canada, \$276 (membership in ASA) elsewhere; SOYBEAN UPDATE newsletter, 40 times/yr, ASA members only.

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Association of American Feed Control Officials (AAFCO) ★

P.O. Box 3160, College Station, TX, 77841-3160 U.S.A.; PH: 409/845-1121; FAX: 409/845-1389.

CONTACT: Barbara J. Sims, Secy.

FOUNDED: 1909

MEMBERSHIP: 56 state and federal organizations involved with commercial feeds and feed ingredients.

OBJECTIVES & ACTIVITIES: Establish uniform regulations, definitions and standards of feed ingredients.

PUBLICATIONS: AAFCO Official Publication, annual, \$20/yr.

CARE

660 1st Avenue, New York, NY, 10016 U.S.A.; PH: 212/779-7803; FAX: 212/683-1099.

CONTACT: Phillip Johnston, Exec. Dir.

OBJECTIVES & ACTIVITIES: Our purpose is to help the developing world's poor in their efforts to achieve social and economic well-being. CARE supports processes that create competence and become self-sustaining over time. Our task is to reach new standards of excellence in offering technical assistance, training, food, other materials resources and management in combinations appropriate to local needs and priorities. CARE also advocates public policies and programs that support these ends.

Institute of Food Technologists

221 N. LaSalle Street, Suite 300, Chicago, IL, 60601 U.S.A.; PH: 312/782-8424;
FAX: 312/782-8348.

CONTACT: Howard W. Mattson, Exec. Dir.

FOUNDED: 1939

MEMBERSHIP: 23,000 individuals; members are active in academic, industrial and governmental institutions and are concerned with food science, which attempts to understand the scientific basis underlying the efficient provision of a nutritious, safe and acceptable diet. Other work in food technology, which applies this basic knowledge to the practical development of food sources, products and processes.

OBJECTIVES & ACTIVITIES: The Institute of Food Technologists is a professional scientific society whose purpose is to implement the professional and scientific interests of its members.

PUBLICATIONS: Food Technology, monthly, incl. w/membership, non-members \$60 domestic; Journal of Food Science, bi-monthly, members \$15 a year, non-members \$60 domestic, all others \$70.

Institute of Shortening and Edible Oils

1750 New York Avenue, N.W., Washington, DC, 20006 U.S.A.; PH: 202/783-7960;
FAX: 202/393-1367.

CONTACT: Robert M. Reeves, Pres.

FOUNDED: 1934

MEMBERSHIP: 21 trade association refiners of edible fats and oils.

OBJECTIVES & ACTIVITIES: Improve welfare of edible fats & oils industry. Activities include public education programs, sponsorship of research, coordination of policy with trade associations and government.

PUBLICATIONS: Food Fats and Oils, every 4-5 years, free; Directory of Edible Oil Industry in U.S., every 5 years, \$10.

International Soybean Program (INTSOY) ★

University of Illinois, INTSOY, 113 Mumford Hall, 1301 W. Gregory Drive, Urbana, IL, 61801 U.S.A.; PH: 217/333-6422; TWX: 910/250-7619 (INTSOY); FAX: 217/333-5838.

CONTACT: Harold E. Kauffman, Dir.

FOUNDED: 1973

MEMBERSHIP: 100 individuals and 100 firms or organizations forming a loose network of research scientists in approximately 40 developing countries and approximately 10 developed countries who share the common interest of expanding the use of soy products to improve nutrition and economic development.

OBJECTIVES & ACTIVITIES: The focus of the research and development activities is on the processing and utilization of whole soybeans for human food and animal feed.

PUBLICATIONS: INTSOY Publications Series, annual, no cost; INTSOY Newsletter, quarterly, no cost; misc. brochures/publications, periodic, no cost.

Iowa Soya ★

162 West Hwy. 58, Hudson, IA, 50643 U.S.A.; PH: 319/988-4187; FAX: 319/988-3922.

CONTACT: Dennis Strayer, Pres.

FOUNDED: 1987

MEMBERSHIP: 13 individuals; 13 firms or organizations; specialty soybean producers in Iowa.

OBJECTIVES & ACTIVITIES: Our members produce exclusive varieties of specialty soybeans for human foods.

Iowa Soybean Association

1200-35th Street, #502, W. Des Moines, IA, 50265 U.S.A.; PH: 515/223-1423; FAX: 515/225-7546.

CONTACT: Marc Heiden, Acct. Exec. Dir.

FOUNDED: 1964

MEMBERSHIP: 7,300 farmers, elevator personnel, non-grower support members, chemical

Organizations and Government Agencies

representatives, commodity groups and various agriculture youth groups.

OBJECTIVES & ACTIVITIES: Promote a profitable soybean industry and inform Iowa soybean producers of current production and marketing information. To lobby for favorable government policies which benefit soybean producers.

PUBLICATIONS: Iowa Soy News, 6 issues, \$30/year.

Iowa Soybean Promotion Board

RR #3, Sumner, IA, 50674 U.S.A.; PH: 319/578-3285.

CONTACT: Earl Brandt, Dir.

MEMBERSHIP: 27,000 individuals; growers and business related.

OBJECTIVES & ACTIVITIES: A voice in soybean marketing legislation, market development and research.

PUBLICATIONS: Soy Bean Digest, monthly; Soy Bean Up Date, weekly; subscription included with membership.

Missouri Soybean Merchandising Council ★

915 Southwest Blvd, Suite F, P.O. Box 104778, Jefferson City, MO, 65110-4778 U.S.A.;

PH: 314/635-6701; FAX: 314/635-5122.

CONTACT: Kenlon Johannes, Exec. Dir.

FOUNDED: 1979

MEMBERSHIP: 27,000 farmers who contribute funds to the programs thru collections at the sale of their soybeans.

OBJECTIVES & ACTIVITIES: To provide information and resources needed to develop markets and soybean product manufacturing plants in the state of Missouri.

PUBLICATIONS: Missouri Soybean Farmer, Quarterly, Free to Producers.

National Agricultural Library ★ (GA)

NAL Building, Rm. 204, 10301 Baltimore Blvd., Beltsville, MD, 20705 U.S.A.; PH: 301/344-3755;

TWX/TLX: 710/828-0506; FAX: 301/344-5472.

CONTACT: Joseph Howard, Dir.

FOUNDED: 1862

MEMBERSHIP: The NAL serves the U.S. Department of Agriculture, Congressional, White House and other Federal staff, state and local agencies, including extension services, land-grant and other universities, libraries and individuals. Clientele include scientists, administrators, nutritionists, teachers, extension workers, farmers and the general public.

OBJECTIVES & ACTIVITIES: The National Agricultural Library (NAL) serves the USDA and the nation as an information provider for agriculture. NAL provides information services over a broad range of agricultural interests. NAL assists its users through a variety of specialized information centers. Its staff utilizes advanced information technologies to generate new information products, creating an electronic library as it improves access to the knowledge stored in its multi-media collection of almost 2 million items.

PUBLICATIONS: Agricultural Libraries Information Notes, monthly, no cost; various specialized directories, irregular, req. individually, no cost.

National Association of Margarine Manufacturers (NAMM)

1101 15th St., N.W., Suite 202, Washington, DC, 20005 U.S.A.; PH: 202/785-3232;

FAX: 202/223-9741.

CONTACT: Charles E. Ehrhart, Exec. Dir.

MEMBERSHIP: 12 manufacturers of margarine in the United States.

OBJECTIVES & ACTIVITIES: Legislative and regulatory interest to develop, coordinate and supply the public with accurate information about margarine and margarine products.

National Grain Trade Council ★

1030 15th Street, N.W., Suite 1020, Washington, DC, 20005 U.S.A.; PH: 202/842-0400;

CONTACT: Robert R. Petersen, Pres.

FOUNDED: 1936

MEMBERSHIP: 60 firms or organizations; regular members include grain exchanges, boards of trade and national grain marketing associations. Associate members represent a large cross-section of the grain marketing industry.

OBJECTIVES & ACTIVITIES: The Council's objectives and purposes are 1) to promote a better understanding among the grain trade, government agencies and the general public; 2) to advocate and defend, consistent with public interest, the principles and merits of open and competitive markets for the distribution of agricultural commodities.

PUBLICATIONS: Activity Report, monthly (no cost with membership).

National Oilseed Processors Association (NOPA) ★

NOTE: Founded in 1929 as National Soybean Processors Association; effective Aug. 1, 1989 name changed to National Oilseed Processors Association (NOPA).

1255 23rd Street, N. W., Suite 850, Washington, DC, 20037 U.S.A.; PH: 202/452-8040; TLX: 248959 (NOPA UR); FAX: 202/835-0400.

CONTACT: Sheldon J. Hauck, Pres.

FOUNDED: 1929

MEMBERSHIP: 14 regular members, 22 associate members: processors of oilseeds and consumers of vegetable oils and meals.

OBJECTIVES & ACTIVITIES: To promote the domestic and international marketing of all types of oilseed products through development of equitable trading rules for buyers and sellers of such products; to foster intense research activity aimed at improving/increasing yields and productivity of oilseed crops; to promote the sale of oilseed products internationally.

PUBLICATIONS: NOPA Yearbook & Trading Rules, annually, \$30 non-members (add \$8 for international orders).

See Our Display Ad/Back Cover

National Waterways Conference, Inc.

1130 17th Street, N.W., Suite 200, Washington, DC, 20036 U.S.A.; PH: 202/296-4415;

FAX: 202/835-3861.

CONTACT: Harry N. Cook, Pres.

FOUNDED: 1960

MEMBERSHIP: 22 individuals, 375 firms or organizations involved in waterway -related businesses, industries and agencies, including bargelines, ports and terminals, waterway shippers and waterway service firms.

OBJECTIVES & ACTIVITIES: To promote a better understanding of the public value of the American waterways system.

PUBLICATIONS: Washington Watch, monthly, \$100/yr.

Nebraska Soybean Program ★

301 Centennial Mall So., Fourth Floor, P.O. Box 95144, Lincoln, NE, 68509 U.S.A.;

PH: 402/471-4894; FAX: 402/471-3345.

CONTACT: James P. Weyer, Man. Dir.

FOUNDED: 1975

MEMBERSHIP: 1,100 individuals, 100 firms or organizations which are soybean producers, county extension agents, elevators, and agribusiness.

OBJECTIVES & ACTIVITIES: By a 1975 declaration of the State of Nebraska, soybean producers are permitted and encouraged to develop, carry out and participate in programs of research, education, market development and promotion. The Nebraska Soybean Resources Act provides this authorization and prescribes operating procedures whereby soybean producers in this state may finance programs to achieve the overall goal of improving the profitability of soybean production.

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Organizations and Government Agencies

New Jersey Soybean Industry Advisory Council (GA)

New Jersey Dept. of Agriculture, CN 330, Trenton, NJ, 08625 U.S.A.; PH: 609/292-8853;

FAX: 609/984-5367.

CONTACT: Logan Brown, Council Liaison

FOUNDED: 1980

MEMBERSHIP: 11 individuals and 5 firms or organizations. The council members are appointed by the New Jersey State Board of Agriculture and consist of 6 N.J. soybean growers, 2 N.J. handlers or dealers of soybeans, 1 representative of the N.J. soybean processing industry, 1 Dean of Cook College (ex-officio) and 1 N.J. Secretary of Agriculture.

OBJECTIVES & ACTIVITIES: The Council is responsible for administering programs designed to expand and improve methods of research, promotion and marketing of N.J. soybeans. These include establishing a marketing plan and guidelines assisting in the collection of information and record keeping.

PUBLICATIONS: New Jersey Soybean Industry Advisory Council Summary of Activities, annual, no charge.

Plenty U.S.A.

P.O. Box 2306, Davis, CA, 95617 U.S.A.; PH: 916/753-0731; TLX: MCI Plenty USA.

CONTACT: Laurie Praskin, Dir., Soy Programs

FOUNDED: 1974

MEMBERSHIP: 3,000 donors, individual member donors, volunteers, technical consultants, medical professionals, indigenous representatives.

OBJECTIVES & ACTIVITIES: Plenty is a non-profit, non-political organization whose objectives are to improve the quality of life for those in need. We promote self-sufficiency projects implemented in cooperation with local communities. We also work to promote a network of cultural exchange. Some of our projects include primary health care, nutrition and food processing, agriculture, alternative

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technology, public interest, environmental law and marketing of native crafts.

PUBLICATIONS: Plenty Bulletin, quarterly, donation \$25; Integrated Soy Report, \$5 (when available); Soy Demonstration Pamphlet, not available.

The Soap & Detergent Association, Glycerine & Oleochemical Division ★

475 Park Avenue, So., 27th Floor, New York, NY, 10016 U.S.A.; PH: 212/725-1262;

FAX: 212/213-0685.

CONTACT: Theodore E. Brenner, Pres.

FOUNDED: 1952

MEMBERSHIP: 18 firms who produce fatty acids and/or glycerine.

OBJECTIVES & ACTIVITIES: Provide information to members and the public on fatty acids, glycerine and their derivatives; provide a forum for discussion of industry concerns and a vehicle for industry response to regulator and/or legislative proposals.

Soy Protein Council

1255 23rd Street, N.W., Suite 850, Washington, DC, 20037 U.S.A.; PH: 202/467-6610; TLX: 248959 (NSPA UR); FAX: 202/833-3636.

CONTACT: Sheldon J. Hauck, Exec. Vice Pres.

FOUNDED: 1971

MEMBERSHIP: 3 firms engaged in processing or sale of edible soy proteins or products.

OBJECTIVES & ACTIVITIES: Build awareness of established nutritional properties of commercially available soy proteins and assist in creating better understanding of the role and utilization of soy proteins in the food systems.

Soyfoods Association of America ★

318 Main Street, P.O. Box 920, Bar Harbor, ME, 04609 U.S.A.; PH: 207/288-9419;

FAX: 207/288-5264.

CONTACT: Leslie Harlow, Exec. Dir.

FOUNDED: 1984

MEMBERSHIP: 50 firms or organizations who are manufacturers, marketers, suppliers, distributors and/or retailers of soyfood products.

OBJECTIVES & ACTIVITIES: Provide opportunities for education and exchange of ideas among industry members; create standards, sponsor cooperative marketing and public relations programs; educate consumers regarding the nutritional value of soyfoods and encourage their consumption in the American diet.

PUBLICATIONS: Association Newsletter, quarterly, free to members; Tofu Standards, free to members; discounts available on member publications.

U.S. Dept. of Agriculture, Oilseeds & Products Division ★ (GA)

14th & Independence Avenue, S.W., Room 5646-S, Washington, DC, 20250-1000 U.S.A.;

PH: 202/382-0138; TLX: 7108221104; FAX: 202/447-7670.

CONTACT: Sharon McClure, Group Leader

VENEZUELA

American Soybean Association/South America & Caribbean Basin ★

Centro Plaza, Torre C, Piso 18, Los Palos Grandes, Av. Francisco de Miranda, Caracas 1062,

VENEZUELA; PH: 283-2399 or 283-7566; TLX: 395-29119 (USATO VC).

CONTACT: Jose Felix Chavez, Dir.

OBJECTIVES & ACTIVITIES: Country directors work with the U.S. Department of Agriculture,

Organizations and Government Agencies

Foreign Agricultural Service staff and local individuals and groups involved with oilseed utilization, consumption and marketing.

YUGOSLAVIA

Feed Manufacturer's Association ★

Gunduliceva 45, P.O. Box 609, Zagreb 41000, YUGOSLAVIA; PH: 041/445-085 or 442-215; TLX: 22411 (PZISH YU).

CONTACT: Lidija Pavesic, Mgr., B. Vet. Sc.

FOUNDED: 1946

MEMBERSHIP: 130 feed manufacturers (premixes and complete feed).

OBJECTIVES & ACTIVITIES: Improvement of feed manufacturing in Yugoslavia (both technology and nutritive); arrangement of congresses, meetings, lectures; trading with feed additives and components; representing foreign firms.

PUBLICATIONS: KRMIVA (scientific journal), monthly, 60 DEM/yr.

ZAIRE

Centre de Recherche Agro-Alimentaire (CRAAL)

Sur la route ole l'Aeroport, B.P. 54, Lubumbashi, ZAIRE; PH: 22/2558.

CONTACT: Nyembo Nkonzi Kalala, Dir. Gen.

FOUNDED: 1982

MEMBERSHIP: 59 firms; food manufacturers.

OBJECTIVES & ACTIVITIES: Conduct applied research in food technology, improvement of traditional food technologies and quality control; carry out feasibility studies and act as consultant for local food industries and farmers.

ZAMBIA

Nam Board (GA)

P.O. Box 122, Lusaka, ZAMBIA.

CONTACT: Gen. Mgr.

ZIMBABWE

Commercial Farmers Union ★

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113 Moffat Street, Agricultural House, P.O. Box 592, Harare, ZIMBABWE; PH: 790423;

TLX: 22084 (CFU-ZW)

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CONTACT: George Hutchison, Chief Exec.

FOUNDED: 1967

MEMBERSHIP: 1300 individuals: commercial soyabean, groundnut (peanut) and sunflower growers in Zimbabwe.

OBJECTIVES & ACTIVITIES: To promote the production of oilseed crops in Zimbabwe, to assist in oilseed crop research and promote increased utilization of oilseed crops.

PUBLICATIONS: Oilseeds Handbook (updated every 2 yrs.), US \$10 ;Farmer Magazine, weekly, US \$25/yr ; Commercial Agriculture in Zimbabwe, annual, US \$15.

Grain Marketing Board (GA)

P.O. Box 8014, Causeway, Harare, ZIMBABWE; PH: 795681; TLX: 2336.

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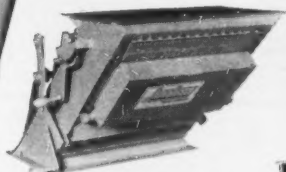
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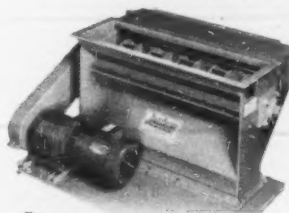
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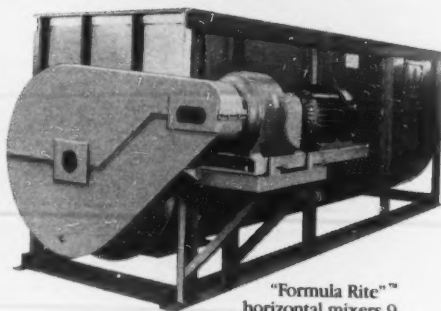
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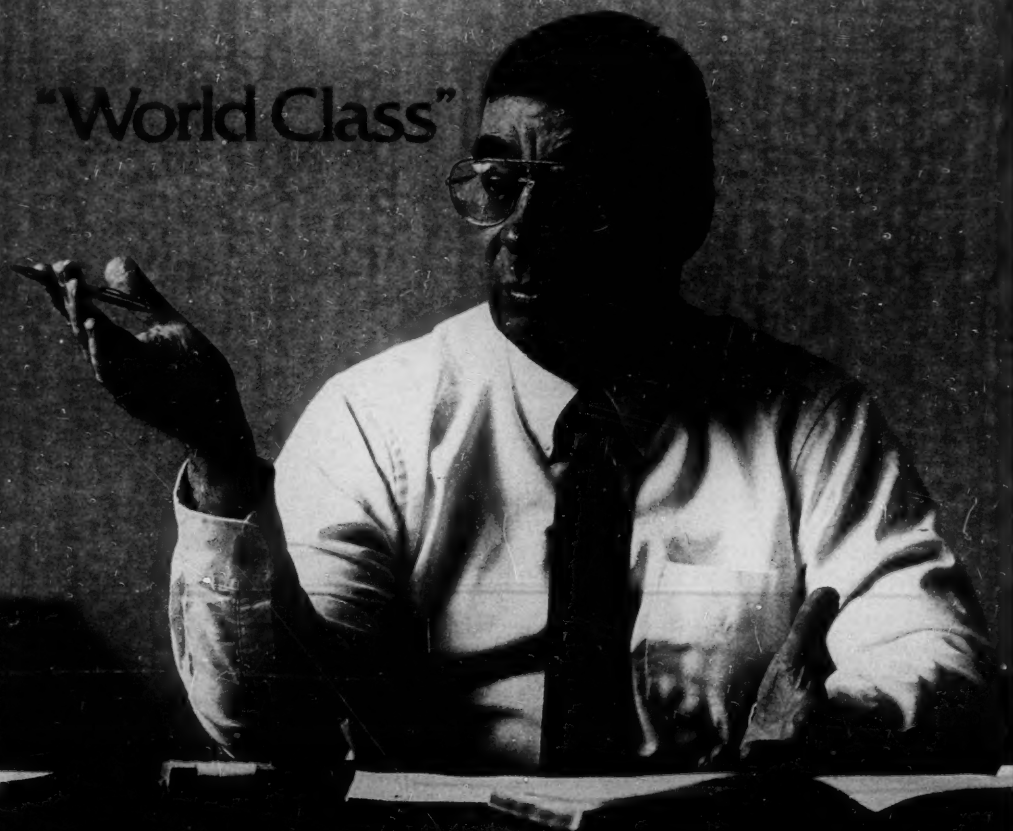
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Soybean Processors and Manufacturers of Soy-Based Products

• Companies Which Produce:

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How To Use These Listings:

Locate desired product in the following index and turn to page indicated. There you will find names of companies listed under the category you selected. For more information on the companies, turn to the *Yellow Pages* section starting on page 79.

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Central Valley Vegetable Oils, (U.S.A.)
E. Chamorro Industrial S.A., (NICARAGUA)
Cheil Sugar & Company, Ltd.,
(SOUTH KOREA)
Consorcio Oleaginoso Portuguesa S.A.
(COPOSA), (VENEZUELA)
Cooperativa Central Agropecuária Campos
Gerais Ltda., (BRAZIL)
Delmon Poultry Company, (BAHRAIN)
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Dindings Soya & Multifeeds Sdn. Berhad,
(MALAYSIA)
Dong Bang Corporation, (SOUTH KOREA)
A. W. Ennis Ltd., (IRELAND)
Etz-Hazayith Ltd., (ISRAEL)
Fong-Mao Industries Company Ltd., (TAIWAN)
Fuji Oil Co., Ltd., Kobe Factory, (JAPAN)
Raul Garcia y Cia, S.A. de C.V. (Ragasa
Group), (MEXICO)
Gardner Smith Pty. Ltd., (AUSTRALIA)
General Foods Limited, (INDIA)
Great Wall Enterprise Co. Ltd., (TAIWAN)
Honen Corporation, (JAPAN)
Honeymead Products Company, (U.S.A.)
Hsiao-Kang By-Products Factory, TSC,
(TAIWAN)
Industrias Conasupo S.A. de C.V. (ICONSA),
(MEXICO)
Industrias J. B. Duarte S.A., (BRAZIL)
Innovex Nutrition 1989 Ltd., (NEW ZEALAND)
Karlshamns AB, (SWEDEN)
Jai Kisan Agro Products, (INDIA)
Lee Yeast Zambia Ltd., (ZAMBIA)
Loders Croklaan B.V., (NETHERLANDS)
Lucas Meyer B.V., (NETHERLANDS)
Lucas Meyer France S.A., (FRANCE)
Lucas Meyer GmbH & Company, (FEDERAL
REPUBLIC OF GERMANY)
Lucas Meyer N.V., (BELGIUM)
Lucas Meyer S.A., (SPAIN)
Lucas Meyer S.R.L., (ITALY)
Lucas Meyer (UK) Ltd., (ENGLAND)
M. P. Oil Extraction Pvt. Ltd., (INDIA)
Nav Maharashtra Chakan Oil Mills, (INDIA)

The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
North West Silos Ltd., (IRELAND)
Oleica S.A., (ECUADOR)
Oleificio SABO, (SWITZERLAND)
Oleoproteinas del Sureste S.A. de C.V.,
(MEXICO)
Olivex Ltd., (ISRAEL)
Oswal Agro Mills Ltd., (INDIA)
Perdue Farms, Inc., (U.S.A.)
Premier Industries (India) Ltd., (INDIA)
Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
Pronto Pty. Ltd./Riverland Oilseed Processors,
(AUSTRALIA)
Proteinas y Grasas S.A. (PROGRASA),
(HONDURAS)
Quincy Soybean Company of Arkansas,
(U.S.A.)
Raisio Tehtaat Oy Ab, (FINLAND)
Rickel, Inc., (U.S.A.)
Riverland Oilseed Processors, (AUSTRALIA)
Scaldiswerken Ruien N.V., (BELGIUM)
Schnupp's Grain Roasting, Inc., (U.S.A.)
Schokhi Industrials Pvt. Ltd., (INDIA)
Schouten/Giessen NV, (NETHERLANDS)
Shemen Ind. Ltd., (ISRAEL)
Showa Sangyo Co., Ltd., Kashima Factory,
(JAPAN)
Showa Sangyo Co., Ltd., Kobe Factory,
(JAPAN)
Sociedade Nacional de Saboes, Lda.,
(PORTUGAL)
Societe Industrielle des Oleagineux
(SIO), (FRANCE)
Soya Hellas S.A., (GREECE)
Thanakorn Vegetable Oil Products Co., Ltd.,
(THAILAND)
Tuottajain Ryysy Oy, (FINLAND)
West Bend Elevator Company, (U.S.A.)
West Central Cooperative, (U.S.A.)

**▼ CRUDE DEGUMMED
SOYBEAN OIL**

A.D.M. Agri-Industries, Ltd., (CANADA)
A.D.M. Europort, (NETHERLANDS)
A.D.M. Oelwerke Spyck, (FEDERAL REPUBLIC OF GERMANY)
Aceitera General Deheza S.A., (ARGENTINA)
Aceitera Matamoros, S.A. de C.V., (MEXICO)
Aceites del Caribe S.A., (COLOMBIA)
Aceites Industriales El Zapote, (MEXICO)
Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
Ag Processing, Inc., (U.S.A.)
Allana Oil Mills, (INDIA)
Alpine Solvex Limited, (INDIA)
Anupam Extractions Ltd., (INDIA)
Archer Daniels Midland Company, (U.S.A.)

Alphabetical By Products

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 Avicultores y Productores El Calvario S.A. de
 C.V. (APECESA), (MEXICO)
 Bag Yagları Sanayi ve Ticaret T.A.S.,
 (TURKEY)
 Samuel Banner & Company Ltd., (ENGLAND)
 BAR Export/Import, Inc., (U.S.A.)
 Bombay Extractions Ltd., (INDIA)
 Bunge Corporation, (U.S.A.)
 Buyatti S.A.I.C.A., (ARGENTINA)
 Cake & Oil Products Pvt. Ltd., (PAKISTAN)
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 (CANADA)
 Cargill Agrícola S.A., (BRAZIL)
 Cargill B.V., (NETHERLANDS)
 Cargill España, S.A., (SPAIN)
 Cargill Processing Ltd., (AUSTRALIA)
 Cargill S.A.C.I., (ARGENTINA)
 Cargill UK Ltd., (ENGLAND)
 Central Soya Company, Inc., (U.S.A.)
 Central Soya Utrecht B.V., (NETHERLANDS)
 E. Chamorro Industrial S.A., (NICARAGUA)
 Cheil Sugar & Company, Ltd., (SOUTH
 KOREA)
 Colfax of Philadelphia, Inc., (U.S.A.)
 Compagnia Continentale Italiana S.p.A.,
 (ITALY)
 Compagnie Cargill S.A., (FRANCE)
 Compania Continental S.A., (ARGENTINA)
 Compania Industrial y de Abastecimientos S.A.
 (CINDASA), (SPAIN)
 Compania Oleaginosa del Peru S.A.
 (COPSA), (PERU)
 Compañía Panameña de Aceites, S.A.,
 (PANAMA)
 Comshipco International, Inc., (U.S.A.)
 Consorcio Oleaginoso Portuguesa S.A.
 (COPOSA), (VENEZUELA)
 Continental Grain Company, Processing
 Division, (U.S.A.)
 Cooperativa Central Agropecuária Campos
 Gerais Ltda., (BRAZIL)
 CSP Foods Ltd., (CANADA)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
 Derivados de Oleaginosas del Valle S.A. de
 C.V., (MEXICO)
 Dong Bang Corporation, (SOUTH KOREA)
 Energe S.A., (BRAZIL)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita S. A.,
 (ECUADOR)
 FAROL S.A. Ind. Gaúcha de Farelos e Oleos,
 (BRAZIL)
 Fedflour Trading (S) Pte. Ltd., (SINGAPORE)
 Fong-Mao Industries Company Ltd., (TAIWAN)
 Foods Fats & Fertilisers Ltd., (INDIA)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Grain States Soya, Inc., (U.S.A.)

Complete Company Listings Begin Page 79

Grasas Vegetales S.A. (GRAVETAL),
 (COLOMBIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 M. Hocbib Oil Mills (BD) Ltd., (BANGLADESH)
 Honen Corporation, (JAPAN)
 INDO S.A., (ARGENTINA)
 Industria e Comercio de Oleos Vegetais S.A.
 (OLVEBRA), (BRAZIL)
 Industria Gaucha de Farelos e Oleos S.A.
 (FAROL), (BRAZIL)
 Industrial Aceitera S.A., (MEXICO)
 Industrias Conasupo S.A. de C.V. (ICONSA),
 (MEXICO)
 Industrias de Aceite S.A., (BOLIVIA)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Industrias Molturadoras S.A. (IMSA),
 (ARGENTINA)
 Innovex Nutrition 1989 Ltd., (NEW ZEALAND)
 Italiana Olii & Risi S.p.A., (ITALY)
 Izhar Industries (2000) Ltd., (ISRAEL)
 Kapil Agro Ltd., (INDIA)
 Karlshamns AB, (SWEDEN)
 KELSA, S.A., (SPAIN)
 Kuwait Flour Mills Co., SAK, (KUWAIT)
 M. P. Oil Extraction Pvt. Ltd., (INDIA)
 Marsa Margarin Sanayi A.S., (TURKEY)
 Mobarak & Company, (EGYPT)
 Molinos Rio de la Plata S.A., (ARGENTINA)
 Molinos Union del Yaqui S.A. de C.V.,
 (MEXICO)
 National Flour Mills Ltd., (TRINIDAD &
 TOBAGO)
 Nav Maharashtra Chakan Oil Mills, (INDIA)
 Nikka Fats & Oils Co., Ltd., (JAPAN)
 Oelmühle Hamburg AG, (FEDERAL
 REPUBLIC OF GERMANY)
 Oleaginosas Espanolas S.A. (OESA), (SPAIN)
 Olivex Ltd., (ISRAEL)
 Oljynpuristamo Oy, (FINLAND)
 OLMECA S.A., (GUATEMALA)
 Olivebra Industrial S.A., (BRAZIL)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 Pasir Gudang Edible Oils Sdn. Berhard,
 (SINGAPORE)
 Perdue Farms, Inc., (U.S.A.)
 Pokonobe Industries Inc., (CANADA)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Premier Industries (India) Ltd., (INDIA)
 Prestige Foods Ltd., (INDIA)
 Primeros Hidrogenadores de Aceites y Grasas
 Ecuatorianos S.A., (ECUADOR)
 Productora Nacional de Alimentos Bal-
 anceados S.A., (DOMINICAN REPUBLIC)
 Produtora e Refinadora de Oleos, S.A.
 (PRAZOL), (PORTUGAL)
 Pronto Pty. Ltd./Riverland Oilseed Processors,
 (AUSTRALIA)
 Proteinas y Grasas S.A. (PROGRASA),
 (HONDURAS)

Soybean Processors and Manufacturers of Soy-Based Products

Queensland Oilseed Crushers Pty. Ltd., (AUSTRALIA)
 Quincy Soybean Company, (U.S.A.)
 Quincy Soybean Company of Arkansas, (U.S.A.)
 Raison Tehtaat Oy Ab, (FINLAND)
 Riverland Oilseed Processors, (AUSTRALIA)
 SAIS, (SWITZERLAND)
 Sam Yang Foods Co., Ltd., (SOUTH KOREA)
 SAMRIG S.A., (BRAZIL)
 O. & L. Sels, (FEDERAL REPUBLIC OF GERMANY)
 Shemen Ind. Ltd., (ISRAEL)
 Showa Sangyo Co., Ltd., (JAPAN)
 Sociedad Aceitera del Oriente S.A. (SAC), (BOLIVIA)
 Sociedad Iberica de Molturacion, S.A. (SIMSA), (SPAIN)
 Sociedade Iberica de Oleaginosas, S.A. (IBEROL), (PORTUGAL)
 Soon Soon Oilmills SDN BHD, (MALAYSIA)
 Soya Hellas S.A., (GREECE)
 Soya Mainz GmbH & Co. Kommanditgesellschaft, (FEDERAL REPUBLIC OF GERMANY)
 Specialty Grain Co., (U.S.A.)
 TAGOL S.A., (PORTUGAL)
 Tankay S.A., (ARGENTINA)
 Teth Beth Ltd., (ISRAEL)
 Thanakorn Vegetable Oil Products Co. Ltd., (THAILAND)
 C. Thywissen, (FEDERAL REPUBLIC OF GERMANY)
 Toyo Oil Mills Co., Inc., (JAPAN)
 Tri-Star Soya Products Ltd., (INDIA)
 Tvornica za preradu soje, (YUGOSLAVIA)
 Unimills-Verein Deutscher Oelfabriken, (FEDERAL REPUBLIC OF GERMANY)
 N.V. Vamo Mills, (BELGIUM)
 Van den Bergh Foods, (U.S.A.)
 Victory Soya Mills Ltd., (CANADA)
 Vippy Solvex Products Ltd., (INDIA)
 Yoshihara Oil Mill, Ltd., (JAPAN)

▼ CRUDE SOYBEAN OIL

A.D.M. Agri-Industries, Ltd., (CANADA)
 A.D.M. Europoort, (NETHERLANDS)
 A.D.M. Oelmuehlen GmbH, (FEDERAL REPUBLIC OF GERMANY)
 A.D.M. Oelwerke Spyck, (FEDERAL REPUBLIC OF GERMANY)
 Aceitera General Deheza S.A., (ARGENTINA)
 Aceitera Tapatia S.A. de C.V., (MEXICO)
 Aceites del Caribe S.A., (COLOMBIA)
 Aceites del Mayo S.A. de C.V., (MEXICO)
 Aceites Industriales El Zapote, (MEXICO)
 Aceites y Derivados del Pacifico S.A., (MEXICO)

Ag Processing, Inc., (U.S.A.)
 Allana Oil Mills, (INDIA)
 Alpine Solvex Limited, (INDIA)
 Anupam Extractions Ltd., (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Bag Yaglari Sanayi ve Ticaret T.A.S., (TURKEY)
 Bhavnagar Vegetable Products Unit, (INDIA)
 BOCM Silcock Ltd., (ENGLAND)
 Bombay Extractions Ltd., (INDIA)
 Bunge Corporation, (U.S.A.)
 N.V. Cargill, (BELGIUM)
 Cargill Agricola S.A., (BRAZIL)
 Cargill España, S.A., (SPAIN)
 Cargill UK Ltd., (ENGLAND)
 Central Soya Company, Inc., (U.S.A.)
 Central Soya Utrecht B.V., (NETHERLANDS)
 Central Valley Vegetable Oils, (U.S.A.)
 E. Chamorro Industrial S.A., (NICARAGUA)
 Cheil Sugar & Company, Ltd., (SOUTH KOREA)
 Compagnia Continentale Italiana S.p.A., (ITALY)
 Compania Industrial y de Abastecimientos S.A. (CINDASA), (SPAIN)
 Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
 Continental Grain Company, Processing Division, (U.S.A.)
 CSP Foods Ltd., (CANADA)
 Dong Bang Corporation, (SOUTH KOREA)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Jabon La Corona, S.A. de C.V., (MEXICO)
 Fedflour Trading (S) Pte. Ltd., (SINGAPORE)
 Foods Fats & Fertilisers Ltd., (INDIA)
 Fuji Oil Co., Ltd., Kobe Factory, (JAPAN)
 Fwu Sow Grain Products Co., Ltd., (TAIWAN)
 Raul Garcia y Cia, S.A. de C.V. (Ragasa Group), (MEXICO)
 General Foods Limited, (INDIA)
 Grain States Soya, Inc., (U.S.A.)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honen Corporation, (JAPAN)
 Hsiao-Kang By-Products Factory, TSC, (TAIWAN)
 Industrial de Alimentos S.A., (MEXICO)
 Industrias Conasupo S.A. de C.V. (ICONSA), (MEXICO)
 Industrias de Aceite S.A., (BOLIVIA)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Industrias Molturadoras S.A. (IMSA), (ARGENTINA)
 Israel Export & Trust Corp., (ISRAEL)
 Italiana Olii & Risi S.p.A., (ITALY)
 Izhar Industries (2000) Ltd., (ISRAEL)
 Jamaica Soya Products Industries Limited, (JAMAICA)
 Kapil Agro Ltd., (INDIA)
 KELSA, S.A., (SPAIN)

Krishna Oil Extractions Ltd. (KOEL), (INDIA)
 Lauhoff Grain Company, (U.S.A.)
 M. P. Oil Extraction Pvt. Ltd., (INDIA)
 Molinos Union del Yaqui S.A. de C.V.,
 (MEXICO)
 Narsingh Extraction & Allied Products
 Pvt. Ltd., (INDIA)
 National Sun Industries, Inc., (U.S.A.)
 Nav Maharashtra Chakan Oil Mills, (INDIA)
 Ne-Tex Cooperative Oil Mill, (U.S.A.)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Oleica S.A., (ECUADOR)
 Oleificio SABO, (SWITZERLAND)
 Oleoproteinas del Sureste S.A. de C.V.,
 (MEXICO)
 Olivex Ltd., (ISRAEL)
 Oljynpuristamo Oy, (FINLAND)
 Olvebra Industrial S.A., (BRAZIL)
 Perdue Farms, Inc., (U.S.A.)
 Pokonobe Industries Inc., (CANADA)
 Premier Industries (India) Ltd., (INDIA)
 Producers Cooperative Association, (U.S.A.)
 Produtora e Refinadora de Oleos, S.A.
 (PRAZOL), (PORTUGAL)
 Proteinas Naturales, S.A. de C.V., (MEXICO)
 Quincy Soybean Company, (U.S.A.)
 Quincy Soybean Company of Arkansas,
 (U.S.A.)
 Rajasthan Vanaspati Products Ltd., (INDIA)
 SAIS, (SWITZERLAND)
 Scaldiswerken Ruien N.V., (BELGIUM)
 O. & L. Sels, (FEDERAL REPUBLIC OF
 GERMANY)
 Shemen Ind. Ltd., (ISRAEL)
 Shree Mansingka Oil Mills Ltd., (INDIA)
 Sociedad Aceitera del Oriente S.A. (SAO),
 (BOLIVIA)
 Sociedad Iberica de Molturacion, S.A. (SIMSA),
 (SPAIN)
 Sociedade Iberica de Oleaginosas, S.A.
 (IBEROL), (PORTUGAL)
 Sociedade Nacional de Saboes, Lda.,
 (PORTUGAL)
 Specialty Grain Co., (U.S.A.)
 Tay Shan Enterprise Company Ltd., (TAIWAN)
 Teth Beth Ltd., (ISRAEL)
 C. Thywissen, (FEDERAL REPUBLIC
 OF GERMANY)
 Townsends, Inc., (U.S.A.)
 Tuottajain Rypsi Oy, (FINLAND)
 Unimills-Verein Deutscher Oelfabriken,
 (FEDERAL REPUBLIC OF GERMANY)
 United Soya Products, Ltd., (INDIA)
 Vegetable Oils (Nigeria) Ltd., (NIGERIA)
 West Bend Elevator Company, (U.S.A.)
 West Central Cooperative, (U.S.A.)
 Wysong Corporation, (U.S.A.)
 Yoshihara Oil Mill, Ltd., (JAPAN)

▼ EDIBLE SOY OIL PRODUCTS

A.D.M. Agri-Industries, Ltd., (CANADA)
 A.D.M. Europoort, (NETHERLANDS)
 Aarhus Oliefabrik A/S, (DENMARK)
 Aceitera General Deheza S.A., (ARGENTINA)
 Aceitera Matamoros, S.A. de C.V., (MEXICO)
 Aceites Industriales El Zapote, (MEXICO)
 Ag Processing, Inc., (U.S.A.)
 Akzo Chemicals, (FEDERAL REPUBLIC
 OF GERMANY)
 Alimentos Antillanos N.V., (NETHERLANDS
 ANTILLES)
 Anupam Extractions Ltd., (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 C & T Refinery, Inc., (U.S.A.)
 Canada Packers, Inc., (CANADA)
 Canada Packers Inc., Edible Oil Division,
 (CANADA)
 COGRA Lever S.A., (COLOMBIA)
 Colfax, Inc., (U.S.A.)
 Compañia Panameña de Aceites, S.A.,
 (PANAMA)
 Consorcio Oleaginoso Portuguesa S.A.
 (COPOSA), (VENEZUELA)
 Conway Oil Company, (U.S.A.)
 CSP Foods Ltd., (CANADA)
 Patrick Cudahy Inc., (U.S.A.)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
 Derivados de Oleaginosas del Valle S.A.
 de C.V., (MEXICO)
 Dong Bang Corporation, (SOUTH KOREA)
 P. Dumortier Freres, (FRANCE)
 The Edible Oil Refining Company Ltd.,
 (MALTA)
 The Egyptian National Vegetable Oils
 Extraction Corp. (ENVOCO), (EGYPT)
 Energe S.A., (BRAZIL)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita S. A.,
 (ECUADOR)
 Fong-Mao Industries Company Ltd., (TAIWAN)
 Fuji Oil Co., Ltd., Han-nan Factory, (JAPAN)
 Fwu Sow Grain Products Co., Ltd., (TAIWAN)
 General Foods Limited, (INDIA)
 Grasas S.A., (COLOMBIA)
 Grasas Vegetales S.A. (GRAVETAL)
 (COLOMBIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honen Corporation, (JAPAN)
 Honeymead Products Company, (U.S.A.)
 INDO S.A., (ARGENTINA)
 Industrial Aceitera S.A., (MEXICO)
 Industrias Conasupo S.A. de C.V. (ICONSA),
 (MEXICO)
 Industrias de Aceite S.A., (BOLIVIA)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Industrias Lavador C. Por A.,
 (DOMINICAN REPUBLIC)

Soybean Processors and Manufacturers of Soy-Based Products

Kuwait Flour Mills Co., SAK, (KUWAIT)
 Lou Ana Foods, Inc., (U.S.A.)
 Lucas Meyer B.V., (NETHERLANDS)
 Lucas Meyer France S.A., (FRANCE)
 Lucas Meyer GmbH & Company, (FEDERAL
 REPUBLIC OF GERMANY)
 Lucas Meyer N.V., (BELGIUM)
 Lucas Meyer S.A., (SPAIN)
 Lucas Meyer S.R.L., (ITALY)
 Lucas Meyer (UK) Ltd., (ENGLAND)
 M. P. Oil Extraction Pvt. Ltd., (INDIA)
 The Malwa Vanaspati & Chemical Co. Ltd.,
 (INDIA)
 Molinos Rio de la Plata S.A., (ARGENTINA)
 Negociacion Industrial Santa Lucia S.A.,
 (MEXICO)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Oleaginosas Espanolas S.A. (OESA), (SPAIN)
 Oleica S.A., (ECUADOR)
 Oleoproteinas del Sureste S.A. de C.V.,
 (MEXICO)
 Olivex Ltd., (ISRAEL)
 OLMECA S.A., (GUATEMALA)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 Patum Vegetable Oil Company, Ltd.,
 (THAILAND)
 Penta Manufacturing Company, Inc., (U.S.A.)
 Pokonobe Industries Inc., (CANADA)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Premier Industries (India) Ltd., (INDIA)
 President Enterprises Corp., (TAIWAN)
 Prestige Foods Ltd., (INDIA)
 Primeros Hidrogenadores de Aceites y Grasas
 Ecuatorianos, (ECUADOR)
 Productora Nacional de Alimentos Bal-
 anceados S.A., (DOMINICAN REPUBLIC)
 Proteinas y Grasas S.A. (PROGRASA),
 (HONDURAS)
 Quincy Soybean Company of Arkansas,
 (U.S.A.)
 Riceland Foods, Inc., (U.S.A.)
 SAIS, (SWITZERLAND)
 Shemen Ind. Ltd., (ISRAEL)
 Showa Sangyo Co., Ltd., (JAPAN)
 Shree Mansingka Oil Mills Ltd., (INDIA)
 Sociedade Iberica de Oleaginosas, S.A.
 (IBEROL), (PORTUGAL)
 Societe Industrielle des Oleagineux (SIO),
 (FRANCE)
 Specialty Grain Co., (U.S.A.)
 STAR Stabilimento Alimentare S.p.A., (ITALY)
 TAGOL S.A., (PORTUGAL)
 Thanakorn Vegetable Oil Products Co. Ltd.,
 (THAILAND)
 C. Thywissen, (FEDERAL REPUBLIC
 OF GERMANY)
 Townsends, Inc., (U.S.A.)
 Toyo Oil Mills Co., Inc., (JAPAN)
 Tri-Star Soya Products Ltd., (INDIA)

Van den Bergh Foods, (U.S.A.)
 N. V. Vandemoortele, (BELGIUM)
 Vippy Solvex Products Ltd., (INDIA)
 Watt's Alimentos S.A., (CHILE)
 Yoshihara Oil Mill, Ltd., (JAPAN)

▼ FRACTIONATED SOY OIL

Fabrica de Aceites la Favorita S. A.,
 (ECUADOR)
 Grasas Vegetales S.A. (GRAVETAL),
 (COLOMBIA)
 Industrias de Aceite S.A., (BOLIVIA)
 Meadow Lea Foods, (AUSTRALIA)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Noble & Thorl GmbH, (FEDERAL
 REPUBLIC OF GERMANY)
 Oleica S.A., (ECUADOR)
 Penta Manufacturing Company, Inc., (U.S.A.)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Proteinas y Grasas S.A. (PROGRASA),
 (HONDURAS)
 SAIS, (SWITZERLAND)
 N. V. Vandemoortele, (BELGIUM)
 Van den Bergh Foods, (U.S.A.)

▼ HYDROGENATED SOY OIL

A.D.M. Europoort, (NETHERLANDS)
 Abul Khair Vegetable Oil Industries Ltd.,
 (BANGLADESH)
 Aceites Industriales El Zapote, (MEXICO)
 Allana Oil Mills, (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Samuel Banner & Company Ltd., (ENGLAND)
 BEOCO Limited, (ENGLAND)
 Bhavnagar Vegetable Products Unit, (INDIA)
 C & T Refinery, Inc., (U.S.A.)
 Canada Packers, Inc., (CANADA)
 Canada Packers Inc., Edible Oil Division,
 (CANADA)
 Cargill, Inc., (U.S.A.)
 Central Soya Company, Inc., (U.S.A.)
 Colfax, Inc., (U.S.A.)
 Compania Oleaginosa del Peru S.A.
 (COPSA), (PERU)
 Consorcio Oleaginoso Portuguesa S.A.
 (COPOSA), (VENEZUELA)
 Conway Oil Company, (U.S.A.)
 Patrick Cudahy Inc., (U.S.A.)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
 Dong Bang Corporation, (SOUTH KOREA)
 DS Industries ApS, (DENMARK)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita S. A.,
 (ECUADOR)

General Foods Limited, (INDIA)
 Grasas Vegetales S.A. (GRAVETAL),
 (COLOMBIA)
 Honeyeard Products Company, (U.S.A.)
 Industrias de Aceite S.A., (BOLIVIA)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Industrias Lavador C. Por A.,
 (DOMINICAN REPUBLIC)
 Izhar Industries (2000) Ltd., (ISRAEL)
 Karlshamns AB, (SWEDEN)
 Kraft Food Ingredients Corp., (U.S.A.)
 Kuwait Flour Mills Co., SAK, (KUWAIT)
 Lou Ana Foods, Inc., (U.S.A.)
 The Malwa Vanaspati & Chemical
 Co. Ltd., (INDIA)
 Marsa Margarin Sanayi A.S., (TURKEY)
 Meadow Lea Foods, (AUSTRALIA)
 Mobarak & Company, (EGYPT)
 National Flour Mills Ltd., (TRINIDAD &
 TOBAGO)
 Negociacion Industrial Santa Lucia S.A.,
 (MEXICO)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Noblee & Thorl GmbH, (FEDERAL
 REPUBLIC OF GERMANY)
 Oleica S.A., (ECUADOR)
 Oleoproteinas del Sureste S.A. de C.V.,
 (MEXICO)
 OLMECA S.A., (GUATEMALA)
 Österreichische Unilever Ges.m.bH, (AUSTRIA)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 Penta Manufacturing Company, Inc., (U.S.A.)
 Perdue Farms, Inc., (U.S.A.)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Primeros Hidrogenadores de Aceites y Grasas
 Ecuatorianos S.A., (ECUADOR)
 Productora Nacional de Alimentos Bal-
 anceados S.A., (DOMINICAN REPUBLIC)
 Proteinas y Grasas S.A. (PROGRASA),
 (HONDURAS)
 Raison Tehtaat Oy Ab, (FINLAND)
 Rotterdamsche Margarine Industrie B.V.
 (ROMI), (NETHERLANDS)
 SAIS, (SWITZERLAND)
 Shree Shiv Shakti Ghee Udyog
 Pvt. Ltd., (NEPAL)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 STAR Stabilimento Alimentare S.p.A., (ITALY)
 TAGOL S.A., (PORTUGAL)
 N. V. Vandemoortele, (BELGIUM)
 Van den Bergh Foods, (U.S.A.)
 Watt's Alimentos S.A., (CHILE)

BOCM Silcock Ltd., (ENGLAND)
 Canada Packers, Inc., (CANADA)
 Canada Packers Inc., Edible Oil Division,
 (CANADA)
 COGRA Lever S.A., (COLOMBIA)
 Patrick Cudahy Inc., (U.S.A.)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
 DS Industries ApS, (DENMARK)
 The Edible Oil Refining Company
 Ltd., (MALTA)
 Energe S.A., (BRAZIL)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita S. A.,
 (ECUADOR)
 Fong-Mao Industries Company Ltd., (TAIWAN)
 Fuji Oil Co., Ltd., Han-nan Factory, (JAPAN)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Grain States Soya, Inc., (U.S.A.)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honeyeard Products Company, (U.S.A.)
 Industrias Conasupo S.A. de C.V.
 (ICONSA), (MEXICO)
 Industrias J.B. Duarte S.A., (BRAZIL)
 Izhar Industries (2000) Ltd., (ISRAEL)
 Karlshamns AB, (SWEDEN)
 Lou Ana Foods, Inc., (U.S.A.)
 Lucas Meyer B.V., (NETHERLANDS)
 Lucas Meyer France S.A., (FRANCE)
 Lucas Meyer GmbH & Company, (FEDERAL
 REPUBLIC OF GERMANY)
 Lucas Meyer N.V., (BELGIUM)
 Lucas Meyer S.A., (SPAIN)
 Lucas Meyer S.R.L., (ITALY)
 Lucas Meyer (UK) Ltd., (ENGLAND)
 M/S- Spinzler Industries Ltd.
 (Ghee Mills), (PAKISTAN)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Oleaginosas Espanolas S.A. (OESA), (SPAIN)
 N.V. Oliefabriek Lichtervelde, (BELGIUM)
 Patum Vegetable Oil Company, Ltd.,
 (THAILAND)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Quantum Chemical Company, Emery
 Division, (U.S.A.)
 Quincy Soybean Company of Arkansas,
 (U.S.A.)

**ALL LISTINGS
 ARE FREE OF CHARGE**

**CONTACT
 SOYA BLUEBOOK
 FOR MORE INFORMATION**

**▼ INDUSTRIAL SOY OIL
 PRODUCTS**

Archer Daniels Midland Company, (U.S.A.)

Soybean Processors and Manufacturers of Soy-Based Products

Raisio Tehtaat Oy Ab, (FINLAND)
 Riverland Oilseed Processors, (AUSTRALIA)
 SAIS, (SWITZERLAND)
 Shemen Ind. Ltd., (ISRAEL)
 Showa Sangyo Co., Ltd., (JAPAN)
 Sociedade Iberica de Oleaginosas, S.A.
 (IBEROL), (PORTUGAL)
 Sociedade Nacional de Saboes, Lda.,
 (PORTUGAL)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 Soon Soon Oilmills SDN BHD, (MALAYSIA)
 Townsends, Inc., (U.S.A.)
 N. V. Vandemoortele, (BELGIUM)
 Van den Bergh Foods, (U.S.A.)

▼ REFINED SOY OIL

A.D.M. Europoort, (NETHERLANDS)
 Aarhus Oliefabrik A/S, (DENMARK)
 Abul Khair Vegetable Oil Industries Ltd.,
 (BANGLADESH)
 Aceitera General Deheza S.A., (ARGENTINA)
 Aceites Industriales El Zapote, (MEXICO)
 Aceites Vegetales Finos S.A. de C.V.,
 (MEXICO)
 Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
 Akzo Chemicals, (FEDERAL REPUBLIC
 OF GERMANY)
 Alpine Solvex Limited, (INDIA)
 Anupam Extractions Ltd., (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Arlesa, (SPAIN)
 Avicultores y Productores El Calvario S.A.
 de C.V. (APECSA), (MEXICO)
 Bag Yagları Sanayi ve Ticaret T.A.S.,
 (TURKEY)
 Samuel Banner & Company Ltd., (ENGLAND)
 BEOCO Limited, (ENGLAND)
 Bhavnagar Vegetable Products Unit, (INDIA)
 BOCM Silcock Ltd., (ENGLAND)
 Bombay Extractions Ltd., (INDIA)
 Buyatti S.A.I.C.A., (ARGENTINA)
 Canada Packers, Inc., (CANADA)
 Canada Packers Inc., Edible Oil
 Division, (CANADA)
 Cargill Agricola S.A., (BRAZIL)
 Cargill B.V., (NETHERLANDS)
 Cargill España, S.A., (SPAIN)
 Cargill, Inc., (U.S.A.)
 Cargill UK Ltd., (ENGLAND)
 Central Soya Company, Inc., (U.S.A.)
 Cheil Sugar & Company, Ltd.,
 (SOUTH KOREA)
 Colfax, Inc., (U.S.A.)
 Colfax of Philadelphia, Inc., (U.S.A.)
 Compania Industrial y de Abastecimientos S.A.
 (CINDASA), (SPAIN)

Compania Oleaginosa del Peru S.A.
 (COPSA), (PERU)
 Compañia Panameña de Aceites, S.A.,
 (PANAMA)
 Consorcio Oleaginoso Portuguesa S.A.
 (COPOSA), (VENEZUELA)
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 CSP Foods Ltd., (CANADA)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
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 The Egyptian National Vegetable Oils
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▼ SOYBEAN MEAL

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 General Foods Limited, (INDIA)
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Lucas Meyer GmbH & Company, (FEDERAL
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Prestige Foods Ltd., (INDIA)
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Rich Products Corporation, (U.S.A.)
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Gunther Division, (U.S.A.)
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▼ LECITHIN (EDIBLE GRADE)

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 REPUBLIC OF GERMANY)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Nutrimul B.V., (NETHERLANDS)
 Oleaginosas Espanolas S.A. (OESA), (SPAIN)
 Oleoproteinas del Sureste S.A.
 de C.V., (MEXICO)
 Olivex Ltd., (ISRAEL)
 Oljynpuristamo Oy, (FINLAND)
 Penta Manufacturing Company, Inc., (U.S.A.)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 President Enterprises Corp., (TAIWAN)
 Prestige Foods Ltd., (INDIA)
 Quincy Soybean Company of
 Arkansas, (U.S.A.)
 Riceland Foods, Inc., (U.S.A.)
 SAMRIG S.A., (BRAZIL)
 Shemen Ind. Ltd., (ISRAEL)
 Showa Sangyo Co., Ltd., Kashima
 Factory, (JAPAN)

Sociedad Iberica de Molturacion, S.A.
 (SIMSA), (SPAIN)
 Sociedade Iberica de Oleaginosas,
 S.A. (IBEROL), (PORTUGAL)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 Stern-Chemie, (FEDERAL REPUBLIC
 OF GERMANY)
 Teth Beth Ltd., (ISRAEL)
 C. Thywissen, (FEDERAL REPUBLIC
 OF GERMANY)
 Toyo Oil Mills Co., Inc., (JAPAN)
 N.V. Vamo Mills, (BELGIUM)
 Van den Bergh Foods, (U.S.A.)
 Victory Soya Mills Ltd., (CANADA)

▼ SIMULATED MEAT PRODUCTS (ANALOGS)

Alimentos S.A., (GUATEMALA)
 Archer Daniels Midland Company, (U.S.A.)
 Asahi Industries Company, Ltd., (JAPAN)
 Biotrek S.A., (GREECE)
 Breuer Food Agency, (FEDERAL REPUBLIC
 OF GERMANY)
 The British Arkady Co. Ltd., (ENGLAND)
 Cargill B.V., (NETHERLANDS)
 Central Soya Overseas B.V.,
 (NETHERLANDS)
 De Hobbit, (BELGIUM)
 Dong Bang Corporation, (SOUTH KOREA)
 Fearn Natural Foods, (U.S.A.)
 Fuji Oil Co., Ltd., (JAPAN)
 General Spice, Inc., (U.S.A.)
 GMB Proteins Ltd., (ENGLAND)
 Grasas S.A., (COLOMBIA)
 Industria Gaucha de Farelos e Oleos
 S.A. (FAROL), (BRAZIL)
 Industrial de Alimentos S.A., (MEXICO)
 Light Foods, Inc., (U.S.A.)
 Lucas Ingredients Ltd., (ENGLAND)
 Lumen Food Corporation, (U.S.A.)
 Middle East Analog Technology,
 (SAUDI ARABIA)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Olivebra Industrial S.A., (BRAZIL)
 Prestige Foods Ltd., (INDIA)
 Quong Hop & Co., (U.S.A.)
 Shefa Protein Industries Ltd., (ISRAEL)
 Societe Industrielle Des Oleagineux
 (SIO), (FRANCE)
 Summercorn Foods, Inc. (U.S.A.)
 Timmins Group, Inc., (U.S.A.)
 Tumaros, Inc., (U.S.A.)
 White Wave, Inc., (U.S.A.)
 Worthington Foods, Inc., (U.S.A.)

▼ SOY FIBER

Aarhus Oliefabrik A/S, (DENMARK)
 Alimentos de Soja S.A., (ARGENTINA)
 Breuer Food Agency, (FEDERAL REPUBLIC OF GERMANY)
 The British Arkady Co. Ltd., (ENGLAND)
 CACOJA, (FRANCE)
 Edelsoja GmbH, (FEDERAL REPUBLIC OF GERMANY)
 Ener-G Foods, Inc., (U.S.A.)
 Fa. L.I. Frank, (NETHERLANDS)
 Fielder Ralston Proteins Pty., (AUSTRALIA)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 Howard Hall International, (U.S.A.)
 Lauhoff Grain Company, (U.S.A.)
 Lucas Meyer, Inc., (U.S.A.)
 Premier Industries (India) Ltd., (INDIA)
 Pronto Pty. Ltd./Riverland Oilseed Processors, (AUSTRALIA)
 Protein Technologies International, Inc., (U.S.A.)
 Quincy Soybean Company, (U.S.A.)
 Ralston Purina Company, (U.S.A.)
 Riverland Oilseed Processors, (AUSTRALIA)
 SAMRIG S.A., (BRAZIL)
 Societe Industrielle des Oleagineux (SIO), (FRANCE)
 Solbar Hatzor Ltd., (ISRAEL)
 Solnuts B.V., (NETHERLANDS)
 Solnuts, Inc., (U.S.A.)
 Stern-Chemie, (FEDERAL REPUBLIC OF GERMANY)

▼ SOY FLOUR

A.D.M. Europoort, (NETHERLANDS)
 Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
 Ag Processing, Inc., (U.S.A.)
 Allana Oil Mills, (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 BAR Export/Import, Inc., (U.S.A.)
 Breuer Food Agency, (FEDERAL REPUBLIC OF GERMANY)
 The British Arkady Co. Ltd., (ENGLAND)
 Cargill, Inc., (U.S.A.)
 Central Soya Company, Inc., (U.S.A.)
 Central Soya Overseas B.V., (NETHERLANDS)
 Cheil Sugar & Company, Ltd., (SOUTH KOREA)
 Compania Oleaginosa del Peru S.A. (COPSA), (PERU)
 William Connolly & Sons Ltd., (IRELAND)
 Dong Bang Corporation, (SOUTH KOREA)
 Edelsoja GmbH, (FEDERAL REPUBLIC OF GERMANY)
 Energe S.A., (BRAZIL)
 Etz-Hazayith Ltd., (ISRAEL)

Fa. L.I. Frank, (NETHERLANDS)
 Fuji Oil Co., Ltd., (JAPAN)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honeymead Products Company, (U.S.A.)
 Industria Gaucha de Farellos e Oleos S.A. (FAROL), (BRAZIL)
 Industrial de Alimentos S.A., (MEXICO)
 Industrias Molturadoras S.A. (IMSA), (ARGENTINA)
 KELSA, S.A., (SPAIN)
 Lauhoff Grain Company, (U.S.A.)
 Lucas Meyer B.V., (NETHERLANDS)
 Lucas Meyer France S.A., (FRANCE)
 Lucas Meyer GmbH & Company, (FEDERAL REPUBLIC OF GERMANY)
 Lucas Meyer, Inc., (U.S.A.)
 Lucas Meyer N.V., (BELGIUM)
 Lucas Meyer S.A., (SPAIN)
 Lucas Meyer S.R.L., (ITALY)
 Lucas Meyer (UK) Ltd., (ENGLAND)
 Nikka Fats & Oils Co., Ltd., (JAPAN)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Oljynpuristamo Oy, (FINLAND)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
 Premier Industries (India) Ltd., (INDIA)
 Prestige Foods Ltd., (INDIA)
 Pronto Pty. Ltd./Riverland Oilseed Processors, (AUSTRALIA)
 Riverland Oilseed Processors, (AUSTRALIA)
 SAMRIG S.A., (BRAZIL)
 Showa Sangyo Co., Ltd., (JAPAN)
 Sociedade Iberica de Oleaginosas, S.A. (IBEROL), (PORTUGAL)
 Societe Industrielle des Oleagineux (SIO), (FRANCE)
 Solbar Hatzor Ltd., (ISRAEL)
 Specialty Grain Co., (U.S.A.)
 Stern-Chemie, (FEDERAL REPUBLIC OF GERMANY)
 N.V. Vamo Mills, (BELGIUM)
 Victory Soya Mills Ltd., (CANADA)
 Vippy Solvex Products Ltd., (INDIA)

▼ SOY FLOUR/FULL FAT

Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
 ALIDOC, (FRANCE)
 Alpine Solvex Limited, (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Arrowhead Mills, Inc., (U.S.A.)
 BAR Export/Import, Inc., (U.S.A.)
 Breuer Food Agency, (FEDERAL REPUBLIC OF GERMANY)
 The British Arkady Co. Ltd., (ENGLAND)
 William Connolly & Sons Ltd., (IRELAND)

Alphabetical By Products

Edelsoja GmbH, (FEDERAL REPUBLIC OF GERMANY)
Ener-G Foods, Inc., (U.S.A.)
Energe S.A., (BRAZIL)
A. W. Ennis Ltd., (IRELAND)
Fa. L.I. Frank, (NETHERLANDS)
Fearn Natural Foods, (U.S.A.)
Fong-Mao Industries Company Ltd., (TAIWAN)
Food Ingredients, Inc., (U.S.A.)
Gardner Smith Pty. Ltd., (AUSTRALIA)
General Foods Limited, (INDIA)
Golden Harvest Cereal Pty. Ltd., (SOUTH AFRICA)
Great Wall Enterprise Co. Ltd., (TAIWAN)
HiPro Food Products, Inc., (U.S.A.)
Honen Corporation, (JAPAN)
Industrial de Alimentos S.A., (MEXICO)
KELSA, S.A., (SPAIN)
Lee Yeast Zambia Ltd., (ZAMBIA)
Lucas Meyer B.V., (NETHERLANDS)
Lucas Meyer France S.A., (FRANCE)
Lucas Meyer GmbH & Company, (FEDERAL REPUBLIC OF GERMANY)
Lucas Meyer, Inc., (U.S.A.)
Lucas Meyer N.V., (BELGIUM)
Lucas Meyer S.A., (SPAIN)
Lucas Meyer S.R.L., (ITALY)
Lucas Meyer (UK) Ltd., (ENGLAND)
Nikka Fats & Oils Co., Ltd., (JAPAN)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Nutrimul B.V., (NETHERLANDS)
Olivebra Industrial S.A., (BRAZIL)
Premier Industries (India) Ltd., (INDIA)
Productora Costarricense de Alimentos, (COSTA RICA)
Productos Alimenticios Delicias S.A. de C.V., (MEXICO)
Pronto Pty. Ltd./Riverland Oilseed Processors, (AUSTRALIA)
Riverland Oilseed Processors, (AUSTRALIA)
Schouten/Giessen NV, (NETHERLANDS)
Societe Industrielle des Oleagineux (SIO), (FRANCE)
SOJADOC, (FRANCE)
Solnuts B.V., (NETHERLANDS)
Solnuts, Inc., (U.S.A.)
SPP Cambridge, (ENGLAND)
Stern-Chemie, (FEDERAL REPUBLIC OF GERMANY)
TAGOL S.A., (PORTUGAL)
United Soya Products, Ltd., (INDIA)
N.V. Vamo Mills, (BELGIUM)
Wysong Corporation, (U.S.A.)

▼ SOY FLOUR/TEXTURED

Alimentos S.A., (GUATEMALA)
Allana Oil Mills, (INDIA)
Archer Daniels Midland Company, (U.S.A.)

Complete Company Listings Begin Page 79

Breuer Food Agency, (FEDERAL REPUBLIC OF GERMANY)
The British Arkady Co. Ltd., (ENGLAND)
Cargill B.V., (NETHERLANDS)
Central Soya Company, Inc., (U.S.A.)
Central Soya Overseas B.V., (NETHERLANDS)
Dong Bang Corporation, (SOUTH KOREA)
Edelsoja GmbH, (FEDERAL REPUBLIC OF GERMANY)
Ener-G Foods, Inc., (U.S.A.)
Energe S.A., (BRAZIL)
Fearn Natural Foods, (U.S.A.)
General Foods Limited, (INDIA)
General Spice, Inc., (U.S.A.)
GMB Proteins Ltd., (ENGLAND)
Industrial de Alimentos S.A., (MEXICO)
Lucas Ingredients Ltd., (ENGLAND)
Lucas Meyer B.V., (NETHERLANDS)
Lucas Meyer France S.A., (FRANCE)
Lucas Meyer GmbH & Company, (FEDERAL REPUBLIC OF GERMANY)
Lucas Meyer N.V., (BELGIUM)
Lucas Meyer S.A., (SPAIN)
Lucas Meyer S.R.L., (ITALY)
Lucas Meyer (UK) Ltd., (ENGLAND)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Olivebra Industrial S.A., (BRAZIL)
PMS Foods, Inc., (U.S.A.)
Premier Industries (India) Ltd., (INDIA)
SAMRIG S.A., (BRAZIL)
Societe Industrielle des Oleagineux (SIO), (FRANCE)
Solbar Hatzor Ltd., (ISRAEL)
United Soya Products, Ltd., (INDIA)

▼ SOY GRITS

A.D.M. Europoort, (NETHERLANDS)
Aarhus Oliefabrik A/S, (DENMARK)
Ag Processing, Inc., (U.S.A.)
Allana Oil Mills, (INDIA)
Alpine Solvex Limited, (INDIA)
Archer Daniels Midland Company, (U.S.A.)
Breuer Food Agency, (FEDERAL REPUBLIC OF GERMANY)
The British Arkady Co. Ltd., (ENGLAND)
Cargill B.V., (NETHERLANDS)
Cargill, Inc., (U.S.A.)
Central Soya Overseas B.V., (NETHERLANDS)
Cheil Sugar & Company, Ltd., (SOUTH KOREA)
Edelsoja GmbH, (FEDERAL REPUBLIC OF GERMANY)
Ener-G Foods, Inc., (U.S.A.)
Fa. L.I. Frank, (NETHERLANDS)
Fearn Natural Foods, (U.S.A.)
Gardner Smith Pty. Ltd., (AUSTRALIA)

Soybean Processors and Manufacturers of Soy-Based Products

General Foods Limited, (INDIA)
 General Spice, Inc., (U.S.A.)
 HiPro Food Products, Inc., (U.S.A.)
 Industria Gaucha de Farellos e Oleos
 S.A. (FAROL), (BRAZIL)
 Industrial de Alimentos S.A., (MEXICO)
 Lauhoff Grain Company, (U.S.A.)
 Lucas Ingredients Ltd., (ENGLAND)
 Lucas Meyer B.V., (NETHERLANDS)
 Lucas Meyer France S.A., (FRANCE)
 Lucas Meyer GmbH & Company, (FEDERAL
 REPUBLIC OF GERMANY)
 Lucas Meyer, Inc., (U.S.A.)
 Lucas Meyer N.V., (BELGIUM)
 Lucas Meyer S.A., (SPAIN)
 Lucas Meyer S.R.L., (ITALY)
 Lucas Meyer (UK) Ltd., (ENGLAND)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Olvebra Industrial S.A., (BRAZIL)
 Premier Industries (India) Ltd., (INDIA)
 Riverland Oilseed Processors, (AUSTRALIA)
 SAMRIG S.A., (BRAZIL)
 Schouten/Giessen NV, (NETHERLANDS)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 Solnuts B.V., (NETHERLANDS)
 Solnuts, Inc., (U.S.A.)
 Specialty Grain Co., (U.S.A.)
 SPP Cambridge, (ENGLAND)
 Stern-Chemie, (FEDERAL REPUBLIC
 OF GERMANY)
 Tree of Life, Inc., (U.S.A.)
 Vippy Solvex Products Ltd., (INDIA)

▼ SOY OIL PRODUCTS

▽ COOKING/SALAD OIL

A.D.M. Agri-Industries, Ltd., (CANADA)
 A.D.M. Company Europe, (NETHERLANDS)
 Aceites Industriales El Zapote, (MEXICO)
 Ag Processing, Inc., (U.S.A.)
 Akzo Chemicals, (FEDERAL REPUBLIC
 OF GERMANY)
 Anupam Extractions Ltd., (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Samuel Banner & Company Ltd., (ENGLAND)
 Best Foods, CPC International, Inc., (U.S.A.)
 Bhavnagar Vegetable Products Unit, (INDIA)
 Bunge Edible Oil Corporation, (U.S.A.)
 C & T Refinery, Inc., (U.S.A.)
 Calgene Chemical, Inc., (U.S.A.)
 Canada Packers, Inc., (CANADA)

Canada Packers Inc., Edible Oil
 Division, (CANADA)
 Capital City Products Company, (U.S.A.)
 Cardowan Creameries Ltd., (SCOTLAND)
 Cheil Sugar & Company, Ltd.,
 (SOUTH KOREA)
 Colfax, Inc., (U.S.A.)
 Compania Numar S.A., (COSTA RICA)
 Compania Oleaginosa del Peru S.A.
 (COPSA), (PERU)
 Compania Panameña de Aceites,
 S.A., (PANAMA)
 Consorcio Oleaginoso Portuguesa S.A.
 (COPOSA), (VENEZUELA)
 Conway Oil Company, (U.S.A.)
 CSP Foods Ltd., (CANADA)
 Derivados de Oleaginosas del Valle
 S.A. de C.V., (MEXICO)
 Devon Industries Sdn Bhd, (SINGAPORE)
 Dong Bang Corporation, (SOUTH KOREA)
 DS Industries ApS, (DENMARK)
 The Edible Oil Refining Company Ltd.,
 (MALTA)
 The Egyptian National Vegetable Oils
 Extraction Corp. (ENVOCO), (EGYPT)
 Ener-G Foods, Inc., (U.S.A.)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita S. A.,
 (ECUADOR)
 Fuji Oil Co., Ltd., Han-nan Factory, (JAPAN)
 Fwu Sow Grain Products Co., Ltd., (TAIWAN)
 Gateway Food Products Company, (U.S.A.)
 General Foods Limited, (INDIA)
 Grasas Vegetales S.A. (GRAVETAL),
 (COLOMBIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Fritz Homann Lebensmittelwerke GmbH
 & Co. K.G., (FEDERAL REPUBLIC
 OF GERMANY)
 Honen Corporation, (JAPAN)
 Honeymead Products Company, (U.S.A.)
 Hsiao-Kang By-Products Factory,
 TSC, (TAIWAN)
 HYBCO, U.S.A., (U.S.A.)
 Industrial Aceitera S.A., (MEXICO)
 Industrial Enterprises Co. Ltd., (THAILAND)
 Industrias Conasupo S.A. de C.V.
 (ICONSA), (MEXICO)
 Industrias de Aceite S.A., (BOLIVIA)
 Industrias J. B. Duarte S.A., (BRAZIL)
 Industrias Lavador C. Por A.,
 (DOMINICAN REPUBLIC)
 Italiana Olii & Risi S.p.A., (ITALY)

- Tell Them You Saw It In The Soya Bluebook -

Italiana Olii & Risi S.p.A., (ITALY)
 Jhar Industries (2000) Ltd., (ISRAEL)
 Karlshamns AB, (SWEDEN)
 Kraft Food Ingredients Corp., (U.S.A.)
 Kuwait Flour Mills Co., SAK, (KUWAIT)
 Lou Ana Foods, Inc., (U.S.A.)
 Mallet & Company, Inc., (U.S.A.)
 The Malwa Vanaspati & Chemical Co. Ltd., (INDIA)
 Margarinbolaget AB, (SWEDEN)
 Marsa Margarin Sanayi A.S., (TURKEY)
 Miami Margarine Company, (U.S.A.)
 Molinos Rio de la Plata S.A., (ARGENTINA)
 Nikka Fats & Oils Co., Ltd., (JAPAN)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Noble & Thorl GmbH, (FEDERAL REPUBLIC OF GERMANY)
 Oleica S.A., (ECUADOR)
 Oleoproteinas del Sureste S.A. de C.V., (MEXICO)
 Olivex Ltd., (ISRAEL)
 Oljynpuristamo Oy, (FINLAND)
 OLMECA S.A., (GUATEMALA)
 Olvebra Industrial S.A., (BRAZIL)
 Österreichische Unilever Ges.mbh, (AUSTRIA)
 Oswal Agro Mills Ltd., (INDIA)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 Patum Vegetable Oil Company, Ltd., (THAILAND)
 Penta Manufacturing Company, Inc., (U.S.A.)
 Pokonobe Industries Inc., (CANADA)
 La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
 President Enterprises Corp., (TAIWAN)
 Primeros Hidrogenadores de Aceites y Grasas Ecuatorianos, (ECUADOR)
 Procter & Gamble Ltd., (ENGLAND)
 Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
 Proteinas y Grasas S.A. (PROGRASA), (HONDURAS)
 Quincy Soybean Company of Arkansas, (U.S.A.)
 Raisio Tehtaat Oy Ab, (FINLAND)
 Riceland Foods, Inc., (U.S.A.)
 Rich Products Corporation, (U.S.A.)
 Rotterdamsche Margarine Industrie B.V. (ROMI), (NETHERLANDS)
 Rustco Products Company, (U.S.A.)
 S. E. Rykoff & Company, (U.S.A.)
 SAFFOLA Quality Foods, Inc., (U.S.A.)
 SAIS, (SWITZERLAND)
 SAMRIG S.A., (BRAZIL)
 A. Saumweber GmbH, (FEDERAL REPUBLIC OF GERMANY)
 O. & L. Sels, (FEDERAL REPUBLIC OF GERMANY)
 Shemen Ind. Ltd., (ISRAEL)
 Showa Sangyo Co., Ltd., (JAPAN)

Sociedad Iberica de Molturacion, S.A. (SIMSA), (SPAIN)
 Sociedade Iberica de Oleaginosas, S.A. (IBEROL), (PORTUGAL)
 STAR Stabilimento Alimentare S.p.A., (ITALY)
 TAGOL S.A., (PORTUGAL)
 Teth Beth Ltd., (ISRAEL)
 Thanakorn Vegetable Oil Products Co. Ltd, (THAILAND)
 C. Thywissen, (FEDERAL REPUBLIC OF GERMANY)
 Townsends, Inc., (U.S.A.)
 Tree of Life, Inc., (U.S.A.)
 Tri-Star Soya Products Ltd., (INDIA)
 United Edible Oils, Inc., (U.S.A.)
 Van den Bergh Foods, (U.S.A.)
 Van Den Berghs & Jurgens Ltd., (ENGLAND)
 N. V. Vandemoortele, (BELGIUM)
 Watt's Alimentos S.A., (CHILE)
 Wilsey Foods, Inc., (U.S.A.)
 Wysong Corporation, (U.S.A.)
 Yoshihara Oil Mill, Ltd., (JAPAN)

▽ SALAD DRESSING

A.D.M. Agri-Industries, Ltd., (CANADA)
 Aceites Industriales El Zapote, (MEXICO)
 Akzo Chemicals, (FEDERAL REPUBLIC OF GERMANY)
 Archer Daniels Midland Company, (U.S.A.)
 Best Foods, CPC International, Inc., (U.S.A.)
 Bunge Edible Oil Corporation, (U.S.A.)
 C & T Refinery, Inc., (U.S.A.)
 CACQJA, (FRANCE)
 Clofine Dairy & Food Products, Inc., (U.S.A.)
 Compania Numar S.A., (COSTA RICA)
 Conway Oil Company, (U.S.A.)
 Country Farmhouse Soya Products, (JAMAICA)
 Dong Bang Corporation, (SOUTH KOREA)
 P. Dumortier Freres, (FRANCE)
 The Edible Oil Refining Company Ltd., (MALTA)
 Fong-Mao Industries Company Ltd., (TAIWAN)
 Goods Inc./Mainland Oriental Express, (U.S.A.)
 Fritz Homann Lebensmittelwerke GmbH & Co. K.G., (FEDERAL REPUBLIC OF GERMANY)
 Homestyle Foods, (U.S.A.)
 Honeymead Products Company, (U.S.A.)
 HYBCO, U.S.A., (U.S.A.)
 Karlshamns AB, (SWEDEN)
 Kraft Food Ingredients Corp., (U.S.A.)
 Legume, Inc., (U.S.A.)
 Miami Margarine Company, (U.S.A.)
 Molinos Rio de la Plata S.A., (ARGENTINA)
 Nasoya Foods, (U.S.A.)
 Natural Pacific Tofu, (U.S.A.)
 Oleica S.A., (ECUADOR)

Soybean Processors and Manufacturers of Soy-Based Products

Osterreichische Unilever Ges.mbH, (AUSTRIA)
 Penta Manufacturing Company, Inc., (U.S.A.)
 Proteinas y Grasas S.A. (PROGRASA),
 (HONDURAS)
 Quong Hop & Co., (U.S.A.)
 Raision Tehta Oy Ab, (FINLAND)
 S. E. Rykoff & Company, (U.S.A.)
 SAIS, (SWITZERLAND)
 The C. F. Sauer Company, (U.S.A.)
 O. & L. Sels, (FEDERAL REPUBLIC
 OF GERMANY)
 TAGOL S.A., (PORTUGAL)
 Tofukost-Werk TKW GmbH, (FEDERAL
 REPUBLIC OF GERMANY)
 Van den Bergh Foods, (U.S.A.)
 N. V. Vandemoortele, (BELGIUM)
 Wysong Corporation, (U.S.A.)

▽ SOY OIL MARGARINE

A.D.M. Agri-Industries, Ltd., (CANADA)
 Archer Daniels Midland Company, (U.S.A.)
 Best Foods, CPC International, Inc., (U.S.A.)
 Bhavnagar Vegetable Products Unit, (INDIA)
 Bunge Edible Oil Corporation, (U.S.A.)
 C & T Refinery, Inc., (U.S.A.)
 Canada Packers, Inc., (CANADA)
 Canada Packers Inc., Edible Oil
 Division, (CANADA)
 Capital City Products Company, (U.S.A.)
 Cardowan Creameries Ltd., (SCOTLAND)
 Central Valley Vegetable Oils, (U.S.A.)
 COGRA Lever S.A., (COLOMBIA)
 Compania Numar S.A., (COSTA RICA)
 Compania Oleaginosa del Peru S.A.
 (COPSA), (PERU)
 Compania Panameña de Aceites,
 S.A., (PANAMA)
 Consorcio Oleaginoso Portuguesa
 S.A. (COPOSA), (VENEZUELA)
 Conway Oil Company, (U.S.A.)
 Devon Industries Sdn Bhd, (SINGAPORE)
 P. Dumortier Freres, (FRANCE)
 The Edible Oil Refining Company
 Ltd., (MALTA)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita
 S.A., (ECUADOR)
 Fuji Oil Co., Ltd., Han-nan Factory, (JAPAN)
 Grasas Vegetales S.A. (GRAVETAL),
 (COLOMBIA)
 Fritz Homann Lebensmittelwerke GmbH
 & Co. K.G., (FEDERAL REPUBLIC
 OF GERMANY)
 Honeymead Products Company, (U.S.A.)
 HYBCO, U.S.A., (U.S.A.)
 Industrias de Aceite S.A., (BOLIVIA)
 Industrias Lavador C. Por A.,
 (DOMINICAN REPUBLIC)

Izhar Industries (2000) Ltd., (ISRAEL)
 Karlshamns AB, (SWEDEN)
 Kraft Food Ingredients Corp., (U.S.A.)
 Lever Brothers Company, (U.S.A.)
 Margarinbolaget AB, (SWEDEN)
 Marsa Margarin Sanayi A.S., (TURKEY)
 S. D. Matthews Limited, (ENGLAND)
 Meadow Lea Foods, (AUSTRALIA)
 Miami Margarine Company, (U.S.A.)
 Molinos Rio de la Plata S.A., (ARGENTINA)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Oleica S.A., (ECUADOR)
 OLMECA S.A., (GUATEMALA)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 President Enterprises Corp., (TAIWAN)
 Primeros Hidrogenadores de Aceites y Grasas
 Ecuatorianos, (ECUADOR)
 Productora Nacional de Alimentos Bal-
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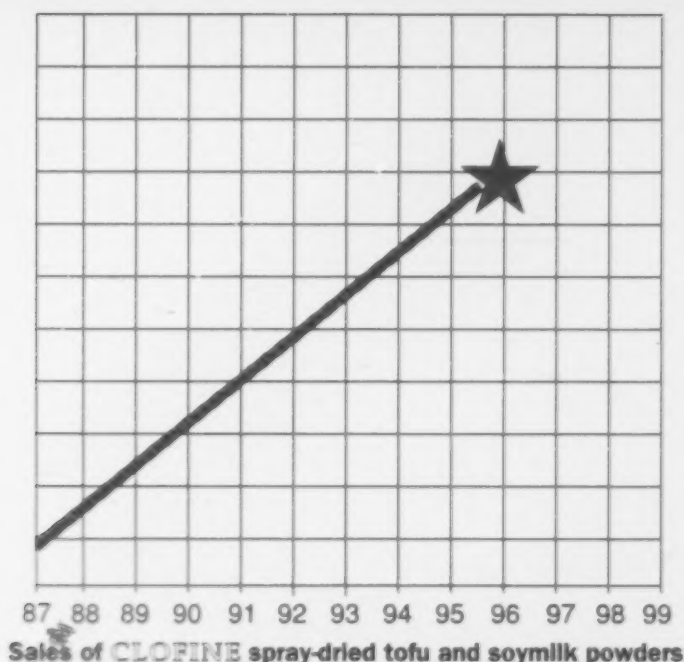
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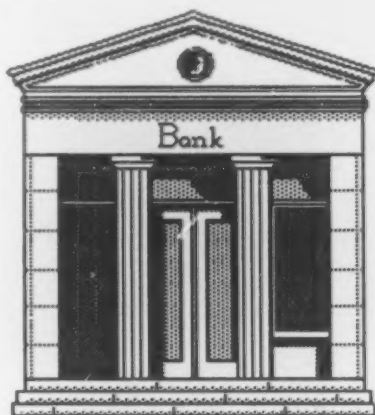
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 Lucas Meyer France S.A., (FRANCE)
 Lucas Meyer GmbH & Company, (FEDERAL
 REPUBLIC OF GERMANY)
 Lucas Meyer, Inc., (U.S.A.)
 Lucas Meyer N.V., (BELGIUM)
 Lucas Meyer S.A., (SPAIN)
 Lucas Meyer S.R.L., (ITALY)
 Lucas Meyer (UK) Ltd., (ENGLAND)
 A. Nattermann & Cie. GmbH, (FEDERAL
 REPUBLIC OF GERMANY)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Oleaginosas Espanolas S.A. (OESA), (SPAIN)
 Oljynpuristamo Oy, (FINLAND)
 Paksoy Ticaret ve Sanayi AS, (TURKEY)
 Penta Manufacturing Company, Inc., (U.S.A.)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Primeros Hidrogenadores de Aceites y Grasas
 Ecuatorianos, (ECUADOR)
 Riceland Foods, Inc., (U.S.A.)
 SAMRIG S.A., (BRAZIL)
 O. & L. Sels, (FEDERAL REPUBLIC
 OF GERMANY)
 Shemen Ind. Ltd., (ISRAEL)
 Sociedad Iberica de Molturacion, S.A.
 (SIMSA), (SPAIN)
 Sociedade Iberica de Oleaginosas, S.A.
 (IBEROL), (PORTUGAL)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 Soya Mainz GmbH & Co. Komman-
 ditgesellschaft, (FEDERAL REPUBLIC
 OF GERMANY)
 Stern-Chemie, (FEDERAL REPUBLIC
 OF GERMANY)
 Tvornica za preradu soje, (YUGOSLAVIA)
 N.V. Vamo Mills, (BELGIUM)
 Victory Soya Mills Ltd., (CANADA)
 Vippy Solvex Products Ltd., (INDIA)

▼ SOYBEAN FATTY ACIDS

Ag Processing, Inc., (U.S.A.)
 Akzo Chemicals, (FEDERAL REPUBLIC
 OF GERMANY)
 Anupam Extractions Ltd., (INDIA)
 Bhavnagar Vegetable Products Unit, (INDIA)
 Capital City Products Company, (U.S.A.)
 Cheil Sugar & Company, Ltd.,
 (SOUTH KOREA)
 Conway Oil Company, (U.S.A.)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
 Dong Bang Corporation, (SOUTH KOREA)
 DS Industries ApS, (DENMARK)
 The Edible Oil Refining Company
 Ltd., (MALTA)
 Grasas Vegetales S.A.
 (GRAVETAL), (COLOMBIA)

Great Wall Enterprise Co. Ltd., (TAIWAN)
 The Malwa Vanaspati & Chemical Co.
 Ltd., (INDIA)
 Nikka Fats & Oils Co., Ltd., (JAPAN)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 Olivex Ltd., (ISRAEL)
 Patum Vegetable Oil Company, Ltd.,
 (THAILAND)
 Procter & Gamble Ltd., (ENGLAND)
 Quantum Chemical Company, Emery
 Division, (U.S.A.)
 Quincy Soybean Company of
 Arkansas, (U.S.A.)
 Raison Tehtaast Oy Ab, (FINLAND)
 SAIS, (SWITZERLAND)
 O. & L. Sels, (FEDERAL REPUBLIC
 OF GERMANY)
 Soon Soon Oilmills SDN BHD, (MALAYSIA)
 Soya Mainz GmbH & Co. Komman-
 ditgesellschaft, (FEDERAL REPUBLIC
 OF GERMANY)
 Jacob Stern & Sons, Inc., (U.S.A.)
 Toyo Oil Mills Co., Inc., (JAPAN)
 Van den Bergh Foods, (U.S.A.)

▼ SOY FLOUR/SOY PROTEIN (INDUSTRIAL GRADE)

Aceites y Derivados del Pacifico
 S.A., (MEXICO)
 Ag Processing, Inc., (U.S.A.)
 Archer Daniels Midland Company, (U.S.A.)
 Bag Yaglari Sanayi ve Ticaret
 T.A.S., (TURKEY)
 BOCM Silcock Ltd., (ENGLAND)
 Cargill, Inc., (U.S.A.)
 Cherwell Valley Silos Ltd., (ENGLAND)
 Dindings Soya & Multifeeds Sdn.
 Berhad, (MALAYSIA)
 Dong Bang Corporation, (SOUTH KOREA)
 Ener-G Foods, Inc., (U.S.A.)
 Energe S.A., (BRAZIL)
 Fong-Mao Industries Company Ltd., (TAIWAN)
 Raul Garcia y Cia, S.A. de C.V. (Ragasa
 Group), (MEXICO)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Golden Harvest Cereals Pty. Ltd.,
 (SOUTH AFRICA)
 Grain States Soya, Inc., (U.S.A.)
 Grasas S.A., (COLOMBIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Hendrix Voeders B.V., (NETHERLANDS)
 Honeymead Products Company, (U.S.A.)
 Industria Gaucha de Farelos e Oleos S.A.
 (FAROL), (BRAZIL)
 Industrial de Alimentos S.A., (MEXICO)
 Innovex Nutrition 1989 Ltd., (NEW ZEALAND)
 Lee Yeast Zambia Ltd., (ZAMBIA)

Marshall Labs, Inc., (U.S.A.)
 Mervo Products B.V., (NETHERLANDS)
 The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
 La Polar, Fabrica de Aceite Hidrogenado y
 Manteca Vegetal S.A., (MEXICO)
 Premier Industries (India) Ltd., (INDIA)
 Protein Technologies International,
 Inc., (U.S.A.)
 Proteinas Naturales, S.A. de C.V., (MEXICO)
 Ralston Purina Company, (U.S.A.)
 Showa Sangyo Co., Ltd., (JAPAN)
 Sociedade Nacional de Saboes,
 Lda., (PORTUGAL)
 Societe Industrielle des Oleagineux
 (SIO), (FRANCE)
 Soya Hellas S.A., (GREECE)
 Specialty Grain Co., (U.S.A.)
 TAGOL S.A., (PORTUGAL)
 Victory Soya Mills Ltd., (CANADA)
 Vippy Solvex Products Ltd., (INDIA)

▼ SOY OIL (INDUSTRIAL GRADE)

Aceites y Derivados del Pacifico
 S.A., (MEXICO)
 Ag Processing, Inc., (U.S.A.)
 Akzo Chemicals, (FEDERAL REPUBLIC
 OF GERMANY)

Allana Oil Mills, (INDIA)
 Anupam Extractions Ltd., (INDIA)
 Archer Daniels Midland Company, (U.S.A.)
 Bag Yagları Sanayi ve Ticaret
 T.A.S., (TURKEY)
 BOCM Silcock Ltd., (ENGLAND)
 Calgene Chemical, Inc., (U.S.A.)
 Capital City Products Company, (U.S.A.)
 Cargill, Inc., (U.S.A.)
 Central Soya Company, Inc., (U.S.A.)
 COGRA Lever S.A., (COLOMBIA)
 Consorcio Oleaginoso Portuguesa S.A.
 (COPOSA), (VENEZUELA)
 Conway Oil Company, (U.S.A.)
 A/S Denofa Og Lilleborg Fabriker, (NORWAY)
 DS Industries ApS, (DENMARK)
 The Edible Oil Refining Company
 Ltd., (MALTA)
 Ener-G Foods, Inc., (U.S.A.)
 Etz-Hazayith Ltd., (ISRAEL)
 Fabrica de Aceites la Favorita
 S. A., (ECUADOR)
 Gardner Smith Pty. Ltd., (AUSTRALIA)
 General Foods Limited, (INDIA)
 Grasas Vegetales S.A.
 (GRAVETAL), (COLOMBIA)
 Great Wall Enterprise Co. Ltd., (TAIWAN)
 Honeymead Products Company, (U.S.A.)
 Industrial de Alimentos S.A., (MEXICO)



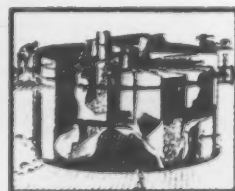
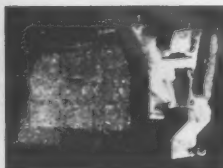
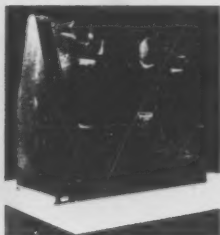
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Industrias Conasupo S.A. de C.V.
(ICONSA), (MEXICO)
Industrias J. B. Duarte S.A., (BRAZIL)
Industrias Molturadoras S.A.
(IMSA), (ARGENTINA)
Karlshamns AB, (SWEDEN)
Lou Ana Foods, Inc., (U.S.A.)
Loveland Industries, Inc., (U.S.A.)
The Malwa Vanaspati & Chemical Co.
Ltd., (INDIA)
Marsa Margarin Sanayi A.S., (TURKEY)
National Flour Mills Ltd., (TRINIDAD
& TOBAGO)
Nikka Fats & Oils Co., Ltd., (JAPAN)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Oleaginosas Espanolas S.A. (OESA), (SPAIN)
Osterreichische Unilever Ges.m.b.H., (AUSTRIA)
Penta Manufacturing Company, Inc., (U.S.A.)
La Polar, Fabrica de Aceite Hidrogenado y
Manteca Vegetal S.A., (MEXICO)
Proteinas Naturales, S.A. de C.V., (MEXICO)
Quincy Soybean Company of
Arkansas, (U.S.A.)
Raision Tehtaat Oy Ab, (FINLAND)
Riverland Oilseed Processors, (AUSTRALIA)
SAIS, (SWITZERLAND)
Shemen Ind. Ltd., (ISRAEL)
Sociedad Iberica de Molturacion, S.A.
(SIMSA), (SPAIN)
Sociedade Iberica de Oleaginosas, S.A.
(IBEROL), (PORTUGAL)
Sociedade Nacional de Saboes, Lda.,
(PORTUGAL)

Societe Industrielle Des Oleagineux
(SIO), (FRANCE)
Soon Soon Oilmills SDN BHD, (MALAYSIA)
Soya Mainz GmbH & Co. Komman-
ditgesellschaft, (FEDERAL REPUBLIC
OF GERMANY)
Jacob Stern & Sons, Inc., (U.S.A.)
Thanakorn Vegetable Oil Products Co.
Ltd, (THAILAND)
Townsend, Inc., (U.S.A.)
Van den Bergh Foods, (U.S.A.)
Victory Soya Mills Ltd., (CANADA)
Vippy Solvex Products Ltd., (INDIA)
Watt's Alimentos S.A., (CHILE)

**▼ SOY STEROLS &
TOCOPHEROLS**

Ag Processing, Inc., (U.S.A.)
Akzo Chemicals, (FEDERAL REPUBLIC
OF GERMANY)
Conway Oil Company, (U.S.A.)
Eastman Chemical Company, (U.S.A.)
Great Wall Enterprise Co. Ltd., (TAIWAN)
Industrias J. B. Duarte S.A., (BRAZIL)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Quincy Soybean Company of
Arkansas, (U.S.A.)
O. & L. Sels, (FEDERAL REPUBLIC
OF GERMANY)
Tay Shan Enterprise Company Ltd., (TAIWAN)

**When Contacting
A Company
Through The Use Of These Listings,
Please Be Sure To Tell Them
"I Saw Your Listing
In The Soya Bluebook".
Thank You**

— Notes/Address Changes —

1

Soybean Processors and Manufacturers of Soy-Based Products

• Companies Which Produce:

Soybean Processor (Crusher) & Soybean Oil Refiner Products
 Edible Grade Soy Products / Soyfoods
 Industrial Grade Soy Products For Non-Food Use

Yellow Pages — Company Listings, A-Z, By Country

Country Index 80

How To Use These Listings

SAMPLE LISTING

Company name
 Address, if MAIN OFFICE, indicated
 Communication numbers,
 Telephone, Telex, Fax, etc.
 If Other Offices, indicated
 Key contact person
 Process used, products available, and
 served by what means of transportation
 Contact for preceding products

Indicates listing
 updated in 1990

Indicates whether company
 is a processor (crusher) - *C*,
 a refiner - *R*, produces
 edible soyfoods - *SF*, or
 produces industrial-grade
 soy products - *IP*

**A.B.C. SOYBEAN
 PROCESSING CO. ★ C R SF IP**
 MAIN OFFICE: 123 Main Street,
 P.O. Box 84, Anytown, ST 123456,
 PH: 123/456-7890;
 TLX: 12-345 (ABC OK);
 FAX: 123/456-1234.
Other Offices: Pleasantville, ST
CONTACT: John Doe, Pres.
**Solvent extraction; meal, hulls, crude oil,
 crude degummed oil, white flakes for edible
 purposes; served by truck and rail.**
CONTACT: Bill Smith. Crude degummed oil,
 once refined oil, fully refined oil, hydrogen-
 ated oil, edible soy oil products, industrial oil
 products; served by truck and rail.
CONTACT: James Best.

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ARGENTINA

Aceltera General

Deheza S.A. C R SF

Moreno 149, P.O. Box 16, General Deheza
5923, Córdoba, ARGENTINA; PH: 54/586/
950022 (067, 068, 397, or 443); TLX: 3 4501
(AGEDE AR) or 390-54589 (AGEDE AR);
FAX: 54/586/95520.

Other Offices: Capital Feral, Buenos Aires,
ARGENTINA (Sales Office)

CONTACT: Roberto D. Urquia, Man. Dir.
Solvent extraction; crush cap. 3,500MT/day;
storage cap. 400,000MT; crude degummed
soybean oil, crude soybean oil, meal; served
by truck and rail. Refining cap. 150MT/day;
storage cap. 3,000MT; crude degummed soy-
bean oil, edible soy oil products, fully refined
soybean oil, once refined soybean oil;

served by truck and rail. A.CHA lecithin
(edible grade).

Alimentos de Soja S.A. SF

Suipacha 570, 3rd floor, Buenos Aires 1008,
ARGENTINA; PH: 393/1248-0336; TLX: 28035
(EAPMSA AR).

CONTACT: Ricardo Shaw, Mktg.
Soy fiber; soymilk or drinks.

Buyatti S.A.I.C.A. C R

MAIN OFFICE: Belgrano 1442, Reconquista
3560, Santa Fe, ARGENTINA; PH: 0776/21353;
TLX: 48188 (BUYAT AR).

Other Offices: San Martin, Santa Fe,
ARGENTINA

CONTACT: Raul F. Venetucci, Ing. QCO.
Solvent extraction; crush cap. 1100MT/day;
storage cap. 40,000MT; meal, crude degum-
med oil; served by truck, rail and barge.

Soybean Processors and Manufacturers of Soy-Based Products

Refining cap. 120MT/day; storage cap. 10,000 MT; fully refined oil; served by truck, rail and barge.

Buyatti S.A.I.C.A. C

Belgrano S/N, PTO San Martin, Santa Fe, ARGENTINA; PH: 0476/23999.

CONTACT: Raul F. Venetucci, Ing. QCO.
Solvent extraction; crush cap. 2000MT/day; storage cap. 45,000MT; meal, crude degummed oil; served by truck, rail, barge and ship.

Cargill S.A.C.I. ★ C R

Casilla de Correo #2494, 1000 Buenos Aires, ARGENTINA; PH: 54/1/313-4114 or 313-4224.

CONTACT: Hector Marsili
Solvent extraction; crush cap. 3,600MT/day; meal; served by ship. Crude oil, crude degummed oil; served by ship.

Compania Continental S.A. ★

Affiliate of Continental Grain Co., USA
MAIN OFFICE: Ave. Eduardo Madero 942,

Buenos Aires 2206, ARGENTINA; PH: 54/1/312-5601; TLX: 390-22372 (CONT AR); FAX: 54/1/313-7219.

Other Offices: Chivilcoy (Mfg.)

CONTACT: Fernando O. DeRoa, Gen. Country Mgr.

Compania Continental S.A. ★ C R

Ruta 5, Km. 160, Chivilcoy 6620, ARGENTINA; PH: 011/541/312-5601; TLX: 390-22372 (CONT AR).

CONTACT: Diego Barbero
Solvent extraction; crush cap. 750MT/day; storage cap. 75,000MT; crude degummed oil; served by truck. Refining storage cap. 8,800MT; crude degummed oil; served by truck.

INDO S.A. C R SF IP

Reconquista 458, Piso 15º, Buenos Aires 1358, ARGENTINA; PH: 5411/2385-1589; TLX: 24085-9105-24283 (LAPCE AR).

CONTACT: Jorge O. Fernandez, Pres.

REFERENCE INFORMATION

SOYA STATISTICS

Page 269

Soybean Production

Area Planted/Harvested and Yield

Soybeans and Soybean Products; Supply and Disposition

U.S. Soybean Prices, Crop Value, Farm Marketings

Soybean Processing and Products

Product Value

Protein Meals

Exports and Imports

SOYA GLOSSARY

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Soya Terms Defined

STANDARDS

AND SPECIFICATIONS

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National Oilseed Processors Association (NOPA)

Yearbook and Trading Rules, 1990

Association of American Feed Control Officials, Inc.

(AAFCO)

AAFCO Official Publication 1990

United States Department of Agriculture

Official United States Standards for Grain 1989

STATISTICAL CONVERSIONS

Page 271

Soya, Metric and Temperature Conversions

★ Updated Listing
Alphabetical By Country

C=Soybean Processor (Crusher)
R=Soybean Oil Refiner

SF=Edible Soy Products/Foods
IP=Industrial Soy Products

Crush cap. 1,700MT/day; storage cap. 90,000MT; meal; served by truck, rail, barge and ship. CONTACT: Esteban Zombory. Refining cap. 60MT/Day; storage cap. 27,000MT; crude degummed oil, fully refined oil, edible soy oil products; served by truck, rail, barge and ship. CONTACT: Ruben Rodriguez. Lecithin (edible grade) in bulk and 200ks iron drums. Lecithin (industrial grade) in bulk and 200ks iron drums. CONTACT: Jorge Barthes.

Industrias Molturadoras S.A. (IMSA) C SF IP

Roca esquina Cuba, Casilla de Correo 50, Pto. Gral. San Martin 2202, ARGENTINA; PH: 0476/22635 or 0476/23073; TLX: 49615 (IMSA). Solvent extraction; crush cap. 2,000MT; storage cap. 60,000MT; meal, crude oil, crude degummed oil, edible soy oil products; served by truck, rail, barge and ship. Soy flour. Lecithin (industrial grade); soy oil (industrial grade).

Molinos Rio de la Plata S.A. ★ C R SF

Paseo Colon 746, Piso 3, Buenos Aires 1323, ARGENTINA; PH: 54/1/331-3002 or 3003; TLX: 22270 (MRPSA AR); FAX: 54/1/30-4439. Other Offices: Avellaneda, Provincia de Buenos Aires (mfg.); Puerto Vilelas, Chaco (mfg.) CONTACT: Juan D. Protto, Div. Mgr. Continuous screw press, solvent extraction; crush cap. 2,800MT/day; storage cap. 160,000MT; crude degummed soybean oil, meal; served by ship and truck. Refining cap. 800MT/day; storage cap. 30,000MT; edible soy oil products, refined soybean oil. Soybean oil products, margarine; shortening; cooking/salad oil; salad dressing.

SPRAYLAC S.R.L. SF

Av. Aristobulo del Valle 7090, Santa Fe 3000, Santa Fe, ARGENTINA; PH: 54/42/60126; TLX: 48204 (MASA AR); FAX: 52/42/50096. CONTACT: Rubén D. Roa, Export Dir. Soyfoods, spray dried soymilk, drinks or beverages. CONTACT: Ruben D. Roa, Export Dir.

Tankay S.A. C

Ruta Nacional Nº 9, Km. 336, San Geronimo Sud 2136, Santa Fe, ARGENTINA; PH: 041/45688 or 63354 or 961408 or 932470; TLX: 41972 (TNKAY AR). CONTACT: Hector C. Autino, Operations Mgr. Solvent extraction; crush cap. 1,200MT/day; storage cap. 70,000MT; crude degummed soybean oil, meal; served by barge, rail.

AUSTRALIA

Cargill Oilseeds Australia ★

MAIN OFFICE: G.P.O. 58A, Melbourne 3001, AUSTRALIA; PH: 61/3/267-7077; TLX: 31140. CONTACT: Ralph Selwood, Mktg. Mgr.

Cargill Processing Ltd. ★ C R

Affiliate of Cargill Oilseeds Australia
425 Somerville Road, West Footscray 3012, Victoria, AUSTRALIA; PH: 61/3/314-0933; TLX: 30875. CONTACT: John Spence
Solvent extraction; crush cap. 400MT/day; storage cap. 8,000MT; meal; served by truck. Refining cap. 70MT/day; storage cap. 4,000MT; crude degummed oil; served by truck.

Fielder Ralston Proteins Pty. ★ SF

Affiliate of Protein Technologies International
335 Plummer Street, Port Melbourne, Victoria 3207, Victoria, AUSTRALIA; PH: 03/646-6300; TLX: 33218 (FELDA AA); FAX: 03/646-6601. Other Offices: Leichhardt, AUSTRALIA
CONTACT: J. Michael Rudd, Man. Dir.
SUPRO isolated soy proteins; soyfoods, other soy-based foods, FIBRIM soy fiber.

Gardner Smith Pty. Ltd. ★ C R SF IP

P.O. Box 606, Neutral Bay Junction 2089, N.S.W., AUSTRALIA; PH: 02/909-2222; TLX: (AA) 120824; FAX: 02/909-8340 or 8691. CONTACT: Peter Shearman, Veg. Oil Mgr. Continuous screw press; crush cap. 100MT/day; animal/livestock feed, crude degummed soybean oil, hulls, meal, white flakes for edible purposes; served by ship & truck. Refining cap. 50MT/day; storage cap. 8,000MT; crude degummed soybean oil, industrial oil products; refined soybean oil; served by truck. Soy flour; full fat soy flour; soy fiber; soy grits. Full fat soy flour/soy protein (industrial grade); soy oil (industrial grade).

Meadow Lea Foods ★ R SF

Affiliate of Goodman Fielder Wattie Ltd.
514 Gardeners Road, Mascot 2020, NSW, AUSTRALIA; PH: 02/693-6398; TLX: 120540 (MEDLEA); FAX: 02/669-6973. CONTACT: Warren Burden, Gen. Mgr. Supply
Refining cap. 100MT/day; storage cap. 800MT (nationally); fractionated oil, hydrogenated soy oil, refined soybean oil; served by rail, ship or truck. Soybean oil products, MEADOW LEA, MRS MCGREGORS, ETC.

MEADOW LEA LITE margarine; shortening (various brands).

Nutrisoy Pty. Ltd. SF

255 Forest Road, Arndcliffe 2205, N.S.W., AUSTRALIA; PH: 61/2/597-4120.

CONTACT: Tony Wondal, Man. Dir.

Soyfoods, NUTRISOY tempeh; NUTRISOY tofu; other soy-based foods, NUTRISOY tempeh burger.

Pronto Pty. Ltd./Riverland Oilseed Processors C SF

46-50 McDonald Street, P.O. Box 177, Numurkah 3636, Victoria, AUSTRALIA; PH: 058-621666; FAX: 058-622391.

CONTACT: Rob Richardson, Plant Mgr.

Continuous screw press; crush cap. 60MT/day; storage cap. 2,200MT; animal/livestock feed, crude degummed soybean oil; served by rail and truck. Soy flour; full fat soy flour; soy fiber.

Queensland Oilseed

Crushers Pty. Ltd. C R

Affiliate of Cargill Oilseeds Australia

59-85 Antimony Street, Queensland 4300, AUSTRALIA; PH: 61/7/271-1766; TLX: 43619 (QOL AA).

CONTACT: Geoff Armstrong

Solvent extraction; meal; served by truck and ship. Crude degummed oil; served by truck and ship.

Riverland Oilseed

Processors C R SF IP

Affiliate of Gardner Smith Pty. Ltd.

46-50 McDonald Street, P.O. Box 177, Numurkah 3636, Victoria, AUSTRALIA; PH: 0061/058/621-666; FAX: 0061/058/622-391.

CONTACT: Ian S. Rickards, Man. Dir.

Continuous screw press; crush cap. 600MT/day; storage cap. 2,500MT; animal/livestock feed, crude degummed soybean oil, meal; served by rail, ship, truck. Refining cap. 30MT/day; storage cap. 140MT; crude degummed soybean oil, industrial oil products, refined soybean oil; served by rail, truck. Soy flour; full fat soy flour; soy fiber; soy grits. Soy oil (industrial grade).

AUSTRIA

Osterreichische Unilever

Ges.mbh R SF IP

Affiliate of Unilever N.V. Rotterdam

Schenkenstr. 8-10, Vienna 1010, AUSTRIA;

PH: 0043/222/53119-500; TLX: 114080 or

115083; FAX: 43/222/533-5173.

Other Offices: Klagenfurt, Vienna, AUSTRIA

CONTACT: Hanns G. Buttner, Chman.

Hydrogenated soy oil, refined soybean oil; served by rail and truck. Soy oil products, cooking/salad oil; salad dressing. Soy oil (industrial grade).

BAHRAIN

Delmon Poultry Company ★ C

P.O. Box 20535, Manama, BAHRAIN; PH:

0973/727690 or 631530; TLX: 9669

(DEPCO BN); FAX: 632426.

CONTACT: J. Halwachi, Gen. Mgr.

Animal/livestock feed.

BANGLADESH

Abul Khair Vegetable Oil

Industries Ltd.

MAIN OFFICE: Dhaka Trunk Road, Pahartali, Chittagong, BANGLADESH; PH: 500248 or 502991.

Other Offices: 7/8, Nasirabad Industrial Area, Chittagong

CONTACT: Serajul Hoque, Accts. Officer

Abul Khair Vegetable Oil

Industries Ltd. R

7/8, Nasirabad Industrial Area, G.P. Box 613, Chittagong, BANGLADESH; PH: 212095.

CONTACT: Serajul Hoque, Accts. Officer

Refining cap. 18MT/day; storage cap. 1,000MT; fully refined oil, hydrogenated oil; served by truck and ship. CONTACT: Sales Office.

— All Listings Are Free Of Charge —
Please Contact Soyatech, Inc. for more information

★ Updated Listing C=Soybean Processor (Crusher) SF=Edible Soy Products/Foods
 Alphabetical By Country R=Soybean Oil Refiner IP=Industrial Soy Products

M. Hocblb Oil Mills (BD) Ltd. R
 233A 15 (Old) Dhanmondi Residential Area,
 Dhaka, BANGLADESH; PH: 311-209
 or 317-405.
CONTACT: Abdur R. Sarker, Secy.
 Refining cap. 30MT/day; crude degummed
 oil; served by truck.

BELGIUM

Alpro N.V. ★ SF
 Vlamingsstraat 28, Wevelgem 8610, West-Flan-
 ders, BELGIUM; PH: 056/432211; TLX: 86222
 (ALPRO B); FAX: 056/432299.
CONTACT: Philippe Vandemoortele, Man. Dir.
 Soyfoods, ALPRO, PROVAMEL and SUNSOY
 soymilk, drinks or beverages in 1 liter, 0.5
 liter and 0.25 liter sizes.

N.V. Cargill ★ C
 Affiliate of Cargill, Inc.
 Muisbroeklaan Kaai 506, Antwerp B-2030,
 BELGIUM; PH: 32/3/540-1811.
CONTACT: Pouwel Brouwer, Acct. Mgr.
 Solvent extraction; crush cap. 1,300MT/day;
 meal, crude oil; served by truck, rail, barge
 and ship.

De Hobbitt SF
 Nüverheidslaan 9, Maldegem B-9990, BELGIUM;
 PH: 32/50/717020; FAX: 32/50/717212.
CONTACT: Eric Dewilde, Gen. Mgr.
 Simulated meat products (analogs) based on
 tempeh fermentation; soyfoods, tempeh.

Lucas Meyer N.V. ★ C R SF IP
 Affiliate of Lucas Meyer GmbH & Co., Hamburg
 Industrieterrein De Bruwaan, 5A, B-9700 Oude-
 naarde, BELGIUM; PH: 0032/55/317811; TLX:
 86138 (MEYER B); FAX: 0032/55/319264.
Other Offices: Decatur, IL; Chester, ENGLAND;
 S'Gravenhage, NETHERLANDS; Hamburg,
 FEDERAL REPUBLIC OF GERMANY; Vigonza,
 ITALY; Le Blanc Mesnil, Cedex, FRANCE; Bar-
 celona, SPAIN; Campinas, BRAZIL.
CONTACT: Marc Aelvout, Man. Dir.
 Animal/livestock feed. Edible soy oil prod-
 ucts; industrial oil products. TOPCITHIN, M-
 C-THIN, EMULFLUID, METARIN EMULPURE,
 EMULGUM, LECIMULTHIN, EMULTHIN, EP-
 ICHOLIN, and EPIKURON lecithins (edible
 grade); SOYAMIN 70 soy concentrates;
 SOYAMIN 90 isolated soy protein;
 VEGAFOOM whipping soya protein;
 TEXTRATEIN textured soy protein; SOYAMIN

50 soy flour; SOYAPAN and NURUPAN full
 fat soy flours; NURULAT full fat soya pow-
 der; NURAFLAKES full fat soya flakes;
 SOYOCO full fat soya kernels; SOVITAL soya
 bran; NURUGRAN full fat soya grits. LIPOTIN
 and LIPOWET lecithin (Industrial grade) for
 paints, varnishes, leather, magnetic tapes,
 coatings, inks and cosmetics; EMULMETIK
 modified soya phospholipids.

N.V. Ollefabriek Lichtervelde R
 St. Pietersvliet 3, Nordic Building, Antwer
 B-2000, BELGIUM; PH: 32/03/234-2700; TLX:
 31325 (SIBCI); FAX: 03/233-6644.
Other Offices: Lichtervelde, West-Vlaanderen,
 BELGIUM (Factory)
CONTACT: Coen van Wijk, Man. Dir.
 Storage cap. 800MT; industrial oil products;
 served by rail and truck.

Ollefabrieken Debeil N.V. ★ R
 Sint Jansstraat 122, Staden 8140, BELGIUM;
 PH: 32/51/701701; TLX: 046-81567
 (DEBEIL B).
CONTACT: Frederik Debeil, Man. Dir.
 Refining cap. 50MT/day; storage cap. 500MT;
 fully refined oil; served by truck. **CONTACT:**
 Guy Van Tongel, Comm. Dir.

Scaldswerken Rulen N.V. ★ C
 Avelgemstraat 6, B-9690 Kluisbergen,
 BELGIUM; PH: 32/55/388412.
CONTACT: Albert Windels, Eng.
 Continuous screw press; crush cap. 20MT/
 day; storage cap. 1,000MT; animal/livestock
 feed, crude and fully refined oil; served by
 truck and barge. **CONTACT:** Maurice Windels.

N.V. Vamo Mills ★
 MAIN OFFICE: Prins Albertlaan 12, Izegem
 8700, BELGIUM; PH: 32/51/332211; TLX:
 81622 (VAMO B); FAX: 32/51/311965.
Other Offices: Ghent, BELGIUM; Merksem,
 BELGIUM
CONTACT: F. DeRoost, Gen. Mgr.

N.V. Vamo Mills ★ C SF IP
 Moervaartkaai, Ghent 9020, BELGIUM; PH:
 32/51/332211; TLX: 81622 (VAMO B); FAX:
 32/51/311965.
CONTACT: F. DeRoost, Gen. Mgr.
 Solvent extraction; crush cap. 3,300MT/day;
 storage cap. 60,000MT; crude degummed
 soybean oil, hulls, meal; served by barge,
 rail, ship and truck. **CONTACT:** K. Van der
 Heiden. Lecithin (edible grade), 200 kg
 drums, 1 ton bin & bulk; PROVABIS soy
 flour, defatted & debittered; PROVAMIX

Soybean Processors and Manufacturers of Soy-Based Products

(deblittered) & PROVAFLOR (enzyme-active) full fat soy flour. CONTACT: Pieter Verburgh. Lecithin (Industrial grade), 200 kg drums, 1 ton bins & bulk, for milk-replacers, paints, leather, etc.; PROVASOY soy flour, defatted and full fat for specialty animal feeds and pharmaceutical fermentation. CONTACT: L. Plets.

N.V. Vamo Mills ★ C SF IP

Carrettestraat 27, Merksem 2060, BELGIUM; PH: 32/51/332211; TXL: 81622 (VAMO B); FAX: 32/51/311965.

CONTACT: F. DeRoost, Gen. Mgr. Solvent extraction; crush cap. 1,850MT/day; storage cap. 20,000MT; crude degummed soybean oil, hulls, meal; served by barge, rail, ship and truck. CONTACT: P. Benoit. Lecithin (edible grade), 200 kg drums, 1 ton bins & bulk. CONTACT: M. Heirman. Lecithin (Industrial grade), 200 kg drums, 1 ton bins & bulk, for milk-replacers, paints, leather, etc.

N. V. Vandemoortele ★ R SF

Prins Albertlaan 12, Izegem 8700, West-Vlaanderen, BELGIUM; PH: 51/332211; TXL: 81622 (VAMO B); FAX: 51/302218.

CONTACT: Jacques Rabaut, Gen. Mgr. Edible soy oil products, fractionated oil, hydrogenated soy oil, Industrial oil products, refined soybean oil; served by barge and truck. Soybean oil products, margarine; shortening; cooking/salad oil; salad dressing.

BOLIVIA

Industrias de Aceite S.A. ★ C R SF

Ballivian 262, P.O. Box 1759, Santa Cruz, BOLIVIA; PH: 591/033-47700; TXL: 42608 (IASA BV).

Solvent extraction; crush cap. 400MT/day; storage cap. 70,000MT; crude degummed soybean oil, crude soybean oil, meal; served by truck. Refining cap. 60MT/day; storage cap. 5,000MT; crude degummed soybean oil, edible soy oil products, fractionated oil, hydrogenated soy oil, refined soybean oil; served by rail and truck. Soybean oil products, margarine, cooking/salad oil.

Sociedad Aceitera del Oriente S.A. (SAO) C R

Parque Industrial PI-9, P.O. Box 1295, Santa Cruz, BOLIVIA; PH: 309/033-50888

or 033-50889; TXL: 4299 (SAO BV).

CONTACT: Roberto S. Bruno, Sales Mgr. Solvent extraction; crush cap. 180MT/day; storage cap. 42,000MT; meal, crude oil; served by truck and rail. Refining cap. 40MT/day; storage cap. 1,500MT; crude degummed oil, fully refined oil; served by truck and rail.

BRAZIL

Cargill Agricola S.A. ★ C R

Rua Olavo Bilac 157, P.O. Box 9333, São Paulo 01000, S.P., BRAZIL; PH: 55/11/545-0211; TXL: 11/37764 (CARGB BR); FAX: 2464571.

CONTACT: Sergio Barrosa, Acct. Mgr. Solvent extraction; crush cap. 5,500MT/day; meal, hulls, crude oil, crude degummed oil; served by truck, rail and ship. Refining cap. 700MT/day; once refined oil; fully refined oil; served by truck, rail and ship.

Continental de Oleos Vegetais ★

Affiliate of Continental Grain Co., USA
SALES OFFICE: Avenida Reboucas 2492, São Paulo 05402, BRAZIL; PH: 55/11/280-8433; FAX: 55/11/280-8172.

CONTACT: Ricardo Pelucio, Mgr.

Cooperativa Central Agropecuária Campos Gerais Ltda. ★ C

Rodovia Ponta Grossa Palmeira, Km. 01, Ponta Grossa 84.045, Paraná, BRAZIL; PH: 55/0422-248166; TXL: 422/240-366; FAX: 0422/248028. CONTACT: Willem Boer, Financial/Admin. Mgr. Solvent extraction; crush cap. 600MT/day; storage cap. 808,309BU or 22,000MT; animal/livestock feed, crude degummed soybean oil, meal; served by rail and truck. CONTACT: Francisco J. Klotz, Gen. Mgr.

Energe S.A. C R SF IP

Affiliate of Nutritional S.A.
BR 280, Km. 58, Guaramirim 89258, Santa Catarina, BRAZIL; PH: 55/0473/730355; TXL: 474497.

CONTACT: Luis Augusto de Mello
Solvent extraction; crush cap. 200MT/day; storage cap. 10MT; meal; served by truck. Refining cap. 27MT/day; storage cap. 800MT; crude degummed oil; edible soy oil products; industrial oil products; served by truck. Natural lecithin (edible grade); SOITEX-E, SOITEX-P, SOITEX IN60 soy flour for bakery and meat industries; PTS textured soy flour for use as meat extender; SOITEX-2095,

SOITEX 2145 full fat flour for milk and egg replacers and baked goods/confection; soyfoods, soy beverages; other soy-based foods, soy base for milkshakes; instant soup. Lecithin (Industrial grade) for general uses; soy flour/soy protein (Industrial grade) as an adhesive for the plywood industry.

FAROL S.A. Ind. Gaúcha de Farellos e Oleos C R

Av. Borges de Medeiros, 659, 12th Floor, Porto Alegre 90020, R. S., BRAZIL; PH: 55/512/217799; TLX: 515196 (FIGF BR); FAX: 55/512/272006.
CONTACT: Sergio Lindemann, Export Mgr. Solvent extraction; crude degummed soybean oil; served by ship. Crude degummed soybean oil.

Industria e Comercio de Oleos

Vegetais S.A. (OLVEBRA) ★ C R

Rua Siqueira Campos, 1163, Porto Alegre 90 010, R.G. Sul, BRAZIL; PH: 055/512-251200; TLX: 055/51-1225; FAX: 0512/288639.
 Solvent extraction; crush cap. 2,500MT/day; storage cap. 107,000MT; crude degummed soybean oil, meal, white flakes for edible purposes; served by rail; **CONTACT:** Luiz A. Erhart. Refining cap. 450MT/day; storage cap. 5,200MT; crude degummed soybean oil; served by rail.

Industria Gaúcha de Farellos e Oleos S.A. (FAROL) C SF IP

Avenida Augusto F. Markus S/N, Entroncamento Rodo-Hidro-Ferrovioario, Estrela 95880, R.S., BRAZIL; PH: 051/712-1188.
CONTACT: Sergio Lindemann, Export Mgr. Solvent extraction; crush cap. 2,500MT/day; storage cap. 140,000MT; meal, crude degummed oil; served by truck, barge and rail. Lecithin (edible grade), bulk; simulated meat products (analogs); soy flour; soy grits. Lecithin (Industrial grade) for the paint industry; soy flour/soy protein (Industrial grade) for glue.

Industrias J. B. Duarte S.A. SF IP

MAIN OFFICE: Rua dos Patriotas, 1382, P.O. Box 1002, São Paulo 04207, S.P., BRAZIL; PH: 55/011/274-8211; TLX: 33172 or 21226 (IJBDBR).

Other Offices: Santo Anastácio, S.P.
CONTACT: Lian de Abreu Duarte, Comm. Dir. Lecithin (edible grade); soy oil products, shortening; cooking/salad oil. Lecithin (Industrial grade) for general uses; soy oil (Industrial grade) for general uses.

Industrias J. B. Duarte

S.A. C R SF IP

Rua XV de Novembro, 608, Santo Anastácio 19360, S.P., BRAZIL; PH: 182/61-1933; TLX: 182-305 (IJBDBR).

CONTACT: Archimedes J. Cortellazzi
 Solvent extraction; crush cap. 1,000/day; storage cap. 45,000MT; meal, animal/live-stock feed, crude oil, crude degummed oil; served by truck and rail. Storage cap. 6,000MT; crude degummed oil, once refined oil, fully refined oil, hydrogenated oil, edible soy oil products, Industrial oil products; served by truck and rail. Lecithin (edible grade). Lecithin (Industrial grade); soy oil (Industrial grade); soy sterols and tocopherols.

Nutritional S.A.

Indústria E Comércio de Alimentos, Av. Rui Barbosa, 1465, Caixa Postal, 171, São José dos Pinhais 83100, PR, BRAZIL; PH: 55/041/283-3344; TLX: 415493 (NUTR BR).
Other Offices: Guarapiranga, Santa Catarina (Energe S.A., Plant)
CONTACT: William Tallmann, Food Tech.

Olivebra Industrial S.A. C

MAIN OFFICE: Rua Siqueira Campos, 1163, CEP 90010, Porto Alegre, R.S., BRAZIL; PH: 0532/257177; TLX: 0532/0125 (OLVE BR).
Other Offices: Guaíba, Lajeado, Santa Rosa, Pelotas, Rio Grande do Sul
CONTACT: Luis Borges, Sales Mgr. Solvent extraction; crush cap. 2,500MT/day; storage cap. 50,000MT; meals, hulls, crude oil, crude degummed oil; served by truck, rail and barge. **CONTACT:** Hans Hajo Grün.

Olivebra Industrial S.A. R SF

Estrada Federal, BR 116, Km. 287, Guaíba 925500, R.S., BRAZIL; PH: 0512/802999; TLX: 051/1934 (OLVE BR).

CONTACT: Luis Borges, Dir. Refining cap. 400MT/day; storage cap. 6,000MT; once refined oil, fully refined oil; served by truck. **CONTACT:** Joao E. Mendes de Castro. Soy concentrates; simulated meat products (analogs); full fat soy flour, textured; soy grits; soy oil products, cooking/salad oil; soyfoods, soymilk, drinks or beverages. **CONTACT:** Larry Faria, Jr.

Olivebra Industrial S.A. C

Avenida Benjamin Constant, 2939, Lajeado 95900, R.S., BRAZIL; PH: 051/714-3811 TLX: 051-2963 (OLVE BR).

CONTACT: Hans H. Grün, Comm. Dir. Solvent extraction; crush cap. 2,000MT/day;

Soybean Processors and Manufacturers of Soy-Based Products

storage cap. 90,000MT; meal, hulls, crude oil, crude degummed oil; served by truck.

Olvebra Industrial S.A. C

Rua Santa Cruz, 100, Santa Rosa 98900, R.S., BRAZIL; PH: 055/512-1833; TLX: 055-2404 (OLVE BR).

CONTACT: Hans H. Grun, Comm. Dir.
Solvent extraction; crush cap. 1,000MT/day; storage cap. 112,000MT; meal, hulls, crude oil, crude degummed oil; served by truck and rail.

SAMRIG S.A. ★ C SF IP

Conceição, 195, P.O. Box 614, Porto Alegre, R.S., BRAZIL; PH: 512/261922; TLX: 511233 (SAMRB BR); FAX: 512/261922.

Other Offices: Esteio, R.S. (mfg.); São Paulo, S.P. (office)

CONTACT: José Zilio, Dir.

Solvent extraction; crush cap. 2,000MT/day; storage cap. 130,000MT; crude degummed soybean oil, hulls, meal, white flakes for edible purposes; served by rail, ship and truck. CONTACT: Norman Bischoff. Lecithin (edible grade—25 types); soy concentrates (water extraction process, functional types); SAM-PROSOY 90 isolated soy proteins; PROSAM soy flour; MAXTEN textured soy flour; FIBERICH soy fiber; soy grits; soybean oil products, shortening; cooking/salad oil. TEXTROL lecithin (Industrial grade) for paints; soy flour (Industrial grade) for fermentation media.

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CANADA

A.D.M. Agri-Industries, Ltd. ★ C R SF IP

Affiliate of Archer Daniels Midland Company d/b/a Maple Leaf Monarch, 5550 Maplewood Drive, P.O. Box 7128, Windsor N9C 3Z1, Ontario, CANADA; PH: 519/972-2314; TLX: 06477887 (MLMON); FAX: 519/969-0414.

Other Offices: Little Rock, AK; Augusta, Valdosta, GA; Des Moines, IA; Frankfort, IN; Champaign, Decatur, Galesburg, Granite City, Taylorville, IL; Fredonia, KS; Mankato, MN; N. Kansas City, Mexico, MO; Clarksdale, MS; Fremont, Lincoln, NE; Fostoria, OH; Kershaw, SC; Spyck, GERMANY (ADM Oelmuehlen GmbH); Rotterdam, NETHERLANDS (A.D.M. Company

Europe); Europoort, NETHERLANDS (A.D.M. Europoort).

CONTACT: John D. McNamara, Mgr.

Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail and truck. Crude degummed soybean oil, edible soy oil products; served by rail and truck. Lecithin (edible grade); soybean oil products, margarine; shortening; cooking/salad oil; salad dressing. Lecithin (Industrial grade); soy sterols and tocopherols. CONTACT: Doug Miller.

Canada Packers Inc.,

Edible Oil Division ★ R SF

MAIN OFFICE: 30 Weston Road, Toronto M6N 3P4, Ontario, CANADA; PH: 416/761-4170; FAX: 416/761-4452.

Other Offices: Montreal, Quebec (mfg.); Wainwright, Alberta (mfg.)

CONTACT: Art Cyr, Vice Pres. & Gen Mgr.
Edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail, ship and truck. CONTACT: Doug Sparks, Plant Mgr. Soy oil products, margarine (20 kg cubes to jumbo tank cars); shortening (20 kg cubes to jumbo tank cars); cooking/salad oil (36 liter pails to jumbo tank cars).

Canada Packers, Inc. ★ R SF

1260 Mill Street, Montreal H3K 2B4, Quebec, CANADA; PH: 514/934-6595; TLX: 055-60601; FAX: 514/934-6596.

CONTACT: Jim Ritchie, Plant Mgr.

Edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail, ship and truck. Soybean oil products, margarine (20 kg cubes to jumbo tank cars); shortening (20 kg cubes to jumbo tank cars); cooking/salad oil (36 liter pails to jumbo tank cars).

Canada Packers Inc. ★ R SF

P.O. Box 636, Wainwright T0B 4P0, Alberta, CANADA; PH: 403/842-6154; TLX: 037-41603; FAX: 403/842-6154.

CONTACT: Brian Bochard, Western Reg. Mgr.
Edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail and truck. Soybean oil products, margarine; shortening; cooking/salad oil (all in tank trucks & tank cars).

Canadian Vegetable Oil Processing C

Division of Canada Packers, Inc.

515 Victoria Avenue at Burlington Street, P.O. Box 618, Hamilton L8N 3K7, Ontario, CANADA;

★ Updated Listing C=Soybean Processor (Crusher) SF=Edible Soy Products/Foods
 Alphabetical By Country R=Soybean Oil Refiner IP=Industrial Soy Products

PH: 416/527-9121; TLX: 0618315
 (CVOP HAM).

CONTACT: Anton Donckers, Gen. Mgr.
 Solvent extraction, crush cap. 1,200MT/day;
 soy meal, hulls, crude degummed oil; served
 by truck, rail and ship. CONTACT:
 P. G. Glenney.

Champlain Industries Ltd. SF
 176 Principal Road, Stanbridge Station,
 Quebec, CANADA; PH: 514/248-3376.
 CONTACT: Len Holubowich
 Hydrolyzed vegetable protein.

CSP Foods Ltd. ★ C R SF
 35 - 10th Avenue, N.W., P.O. Box 750, Altona
 R0G 0B0, Manitoba, CANADA; PH:
 204/324-6481; FAX: 204/324-5995.
 CONTACT: Norman Buhr, Location Gen. Mgr.
 Solvent extraction; crush cap. 800MT/day;
 crude soybean oil, meal; served by rail and
 truck. Refining cap. 300MT/day (RBW) &
 150MT/day (deod.); crude degummed soy-
 bean oil, edible soy oil products, refined soy-
 bean oil; served by truck and rail. Soybean
 oil products, cooking/salad oil.

**Grove Country Foods
 Canada, Inc. SF**
 313-500 Danforth Avenue, Suite 313, Toronto
 M4K 1P6, Ontario, CANADA; PH:
 416/778-0007; FAX: 416/465-9560.
 Other Offices: Ridgetown, Ontario
 CONTACT: James Patterson, Pres.
 Soyfoods, whole soybean snacks (soynuts).

La Soyarie, Inc. ★ SF
 94 Adrien Robert, Hull J8Y 3S2, Quebec,
 CANADA; PH: 819/777-6716.
 CONTACT: Koichi Watanabe, Pres.
 Soyfoods, LA SOYARIE tofu & tofuburgers;
 soynuts (whole soybean snacks).

Nature's Path Foods Inc. SF
 170 - 2540 Simpson Road, Richmond V6X 2P9,
 B.C., CANADA; PH: 604/278-2923; FAX:
 604/278-0835.
 CONTACT: Arran Stephens, Pres.
 Other soy-based foods, NATURE'S PATH,
 NATURE'S Patties original and B.B.Q.

Pokonobe Industries Inc. ★ C R SF
 CP 814, Snowdon, Montreal H3X 3X9, Quebec,
 CANADA; PH: 514/737-4099; TLX: 055-61944
 (MO BOT); FAX: 514/738-7084.
 Other Offices: Santa Monica, CA;
 New York, NY
 CONTACT: David Nagley, Gen. Mgr.

Continuous screw press, hydraulic press;
 crude degummed soybean oil, crude soy-
 bean oil; served by rail, ship and truck. Crude
 degummed soybean oil, edible soy oil prod-
 ucts, refined soybean oil; served by rail, ship
 and truck. Soybean oil products, cooking/
 salad oil (expeller-pressed only).

Victory Soya Mills Ltd. C R SF IP
 Division of Central Soya Co.
 333 Lake Shore Blvd., Ea., Toronto M5A 1C2,
 Ontario, CANADA; PH: 416/363-8771; TLX:
 06-219812 (VICSOYMIL); FAX: 416/864-3113.
 CONTACT: Rick Watson, Mgr.,
 Commodity Oper.
 Solvent extraction; crush cap. 1,500MT/day;
 meal, hulls, crude degummed oil; served by
 truck, rail and ship. Crude degummed oil,
 once refined oil; served by truck, rail, barge
 and ship. Lecithin (edible grade); VEELINE
 soy flour. Lecithin (Industrial grade); soy
 flour/soy protein (Industrial grade); soy oil
 (Industrial grade) for alkaloid resin, paint and
 plastics industries.

CHILE

Watt's Alimentos S.A. ★ R SF IP
 Affiliate of Vina Santa Carolina S.A.
 Presidente Jorge Alessandri R. 10501, Casilla
 14271, Correo 21, Santiago, CHILE; PH:
 56/2/558-3625; TLX: 240029 (WATT'S CL);
 FAX: 56/2/558-2422..
 Other Offices: Santiago (Industrial Nacional
 de Alimentos Ltda.)
 CONTACT: Luis Araya, Gen. Mgr.
 Refining cap. 100MT/day; storage cap.
 12,000MT; edible soy oil products, hydrogen-
 ated soy oil, refined soybean oil; served by
 ship and truck. Soybean oil products,
 SURENA, DANESA, SUPERIOR, REINA mar-
 garine; CRUZTECA, CRUCINA, PAMPERO
 shortening; SUPERIOR, BELMONT, REINA
 cooking/salad oil. CONTACT: Sergio
 Sepulveda. Refined soy oil (Industrial grade)
 for alkaloid resins.

For A Complete
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COLOMBIA

Aceltes del Caribe S.A. C SF

Affiliate of Lloreda Grasas S.A.

Via 40 Calle 87, Apartado Aereo 2333, Barranquilla, COLOMBIA; PH: 340010; TLX: 033367 (ADCA CO).

CONTACT: Hugo P. Romero, Comm. Mgr.
Solvent extraction; meal, crude oil, crude degummed oil; served by truck. Lecithin (edible grade).

COGRA Lever S.A. R SF IP

Calle 13 No. 45-46, Apartado 4329, Bogotá, D.E., COLOMBIA; PH: 57/268-7766; TLX: 041445; FAX: 269-2186.

CONTACT: Carlos Eduardo Calderón, Oils & Seeds Purchasing Mgr.
Refining cap. 300MT/day; storage cap. 3,000MT; edible soy oil products, industrial oil products. Soybean oil products, margarine for commercial use; shortening made with a mixture of oils; soy oil for mayonnaisse. Soy oil (Industrial grade).

Grasas S.A. ★ C R SF IP

Calle 11 #18-113, Buga AA 85, Valle, COLOMBIA; PH: 57/931-72021; TLX: 0-05866; FAX: 57/931-74618.

CONTACT: Alberto Hadad Lemos, Pres.
Solvent extraction; crush cap. 260MT/day; storage cap. 27,000MT; meal; served by truck. Refining cap. 100MT/day; storage cap. 1,200MT; edible soy oil products; served by truck. LECITINA lecithin (edible grade); CARNAVIT simulated meat products (analogs). Lecithin (Industrial grade); ADHESOYA soy flour/soy protein (Industrial grade).

Grasas Vegetales S.A. (GRAVELAL) ★ C R SF IP

Cra. 28, No. 37-79, Apartado Aereo 80617, Sabaneká, Antioquia, COLOMBIA; PH: 57/4/288-0711; TLX: 66797 (GVTAL CO).

CONTACT: Carlos A. Jeramillo, Plant Mgr.
Solvent extraction; crush cap. 300MT/day; storage cap. 4,000MT; meal; served by truck and rail. Refining cap. 140MT/day; storage cap. 2,000MT; crude degummed oil, fully refined oil, hydrogenated oil, fractionated oil, edible soy oil products; served by truck and rail. Lecithin (edible grade); soybean oil products, margarine; shortening; cooking/salad oil. Lecithin (Industrial grade); soy oil (Industrial grade); soybean fatty acids.

Lloreda Grasas S.A.

MAIN OFFICE: Autopista Cali-Yumbo, Km. 3, Apartado Aereo 1288, AA1288 Cali, COLOMBIA; PH: 645043; TLX: 055711 (LLOGR CO).
Other Offices: Barranquilla, COLUMBIA
CONTACT: Hugo P. Romero, Comm. Mgr.

COSTA RICA

Compania Numar S.A. ★ SF

Av. 12, C20-24, Apartado 3657, San Jose 1000, COSTA RICA; PH: 239666; TLX: 2185 (NUMAR CR).

CONTACT: John O. Knohr, Gen. Mgr.
Soybean oil products, NUMAR margarine (125 grs. bars); CLOVER cooking/salad oil (1 liter, PVC containers); mayonnaisse; salad dressing; other soy-based foods, sandwich spreads (4, 8, 16 and 32 oz. glass jars). **CONTACT:** Saverio A. Carriero.

Productora Costarricense de Alimentos SF

Tirrases-Curridabat, Apartado Postal 8-5780, San Jose 1000, COSTA RICA; PH: 542770 or 542398.

CONTACT: Eugenio Valenciano, Plant Mgr.
Full fat soy flour; soyfoods, soymilk, drinks or beverages; other soy-based foods.

DENMARK

Aarhus Oliefabrik A/S ★ C R SF

M.P. Bruunsgade 27, P.O. Box 50, 8100 Aarhus C, DENMARK; PH: 45/86/126000.

CONTACT: Nis Petersen, Deputy Dir.
Solvent extraction; crush cap. 200MT/day; storage cap. 20,000MT; white flakes for edible purposes; served by ship and truck. Refining cap. 50MT/day; storage cap. 500MT; edible soy oil products, refined soybean oil; served by ship and truck. Lecithin (edible grade); soy concentrates; soy fiber; soy grits; soyfoods, soymilk, drinks or beverages.

★ Updated Listing
Alphabetical By Country

C=Soybean Processor (Crusher)
R=Soybean Oil Refiner

SF=Edible Soy Products/Foods
IP=Industrial Soy Products

DS Industries ApS R SF IP

Affiliate of East Asiatic Company
Islands Brygge 24, Copenhagen DK-2300 S,
DENMARK; PH: 45/1-546600; TLX: 31313
(DASOY DK); FAX: 45/157-7657.
CONTACT: Mogens Kjaer, Gen. Mgr.
Hydrogenated soy oil, industrial oil prod-
ucts; served by rail and truck. Lecithin (ed-
ible grade); soy oil products, cooking/salad
oil. CONTACT: J. U. Haxthausen. Soy oil (in-
dustrial grade); soybean fatty acids.
CONTACT: Kim Danielsen.

DOMINICAN REPUBLIC

Industrias Lavador C. Por A. ★ R SF

Av. San Martin 122, P.O. Box 761, Santo
Domingo, DOMINICAN REPUBLIC; PH:
809/565-7333 or 565-7334; FAX: 809/566-8544.
CONTACT: Jose Vitienes, Pres.
Refining cap. 100MT/day; edible soy oil prod-
ucts, hydrogenated soy oil, refined soybean
oil; served by barge, ship and truck. Soybean
oil products, AMAPOLA margarine; LA CRI-
OLLA, MANTECAL shortening; DIAMANTE,
CAMPANA cooking/salad oil.

Productora Nacional de Alimentos Balanceados S.A. ★ C R SF

Av. San Martin 124, P.O. Box 1383, Santo
Domingo, DOMINICAN REPUBLIC; PH:
809/567-5725 or 565-2136; FAX: 809/566-8544.
CONTACT: Mario J. Cabrera, Pres.
Continuous screw press; solvent extraction;
storage cap. 15,000MT; animal/livestock
feed, crude degummed soybean oil, hulls,
meal; served by barge, ship and truck. Refin-
ing cap. 110MT/day; once refined oil, fully re-
fined oil, hydrogenated oil; edible soy oil
products; served by truck, barge and ship.
Soy oil products, margarine; shortening;
cooking/salad oil.

ECUADOR

Fabrica de Aceites la

Favorita S. A. ★ C R SF IP

P. O. Box 486, Guayaquil, ECUADOR; PH:
593/4/402840; TLX: 043174 (JARITA ED);
FAX: 593/4/444453.
CONTACT: Xavier Vallarino, Pres.

Solvent extraction; crush cap. 200MT/day;
crude degummed soybean oil, meal; served
by ship and truck. Refining cap. 150MT/day;
storage cap. 5,000MT; edible soy oil prod-
ucts, fractionated oil, hydrogenated soy oil,
industrial oil products, refined soybean oil;
served by ship and truck. Soy oil products,
BONELLA, DORINA margarine; PORKY
shortening; LA FAVORITA cooking/salad oil.
Soy oil (industrial grade).

Oleica S.A. C R SF

1/2, Via a Daule, Km. 6, P.O. Box 3228,
Guayaquil, ECUADOR; PH: 351300 or 351877;
TLX: 3214 (OLJACE ED).
CONTACT: Luis Piana, Mgr.
Solvent extraction; crush cap. 200MT/day;
storage cap. 12,000MT; animal/livestock
feed, crude oil; served by truck. Refining
cap. 150MT/day; storage cap. 9,000MT; frac-
tionated oil, edible soy oil products, fully re-
fined oil, hydrogenated oil; served by truck.
Soy oil products, margarine; shortening;
cooking/salad oil; salad dressing.

Primeros Hidrogenadores de Aceites y Grasas

Ecuadorianos S.A. ★ C R SF

Km. 16.5 Via Daule, P.O. Box 6387; Guayaquil,
Guayas, ECUADOR; PH: 593/4/251555;
TLX: 35-6; FAX: 593/4/252814.
CONTACT: Gilberto Burbano, Gerente Gen.
Solvent extraction; crush cap. 100MT/day;
storage cap. 5,000MT; crude degummed soy-
bean oil, meal; served by rail. Refining cap.
120MT/day; storage cap. 10,000MT; crude
degummed soybean oil, edible soy oil prod-
ucts, hydrogenated soy oil; served by rail.
Soybean oil products, ESPECIAL margarine;
UNICA shortening; UNICA cooking/salad oil.

EGYPT

The Egyptian National Vegetable Oils Extraction Corp. (ENVOCO) ★ C R SF

West Noubariah Canal, El Metrass, Wardian,
P.O. Box 1984, Alexandria 21519, EGYPT;
PH: 03/445-5819 or 446-2910; TLX: 54214
(MGM UN); FAX: 03/445-3373.
Other Offices: Cairo, EGYPT
CONTACT: Charles M. Malak, Vice
Pres., Production
Solvent extraction; crush cap. 300MT/day;

Soybean Processors and Manufacturers of Soy-Based Products

storage cap. 24,000MT; hulls, meal; served by truck and barge. Refining cap. 80MT/day; storage cap. 5,000MT; edible soy oil products, refined soybean oil; served by truck and barge. Soybean oil products, DAHAB, SHOROUK, SHEREEN, SIHHA cooking/salad oil.

Mobarak & Company ★ C R

Gesr El-Girgawiya El-Gharbi Street, P.O. Box 23, Sohag, EGYPT; PH: 02/093-322116 or 323118; TLX: 24201 (MOBRK UN).

CONTACT: Bahaa Mobarak

Hydraulic press; crush cap. 100MT/day; storage cap. 10,000MT; meal; served by truck. Refining cap. 18MT/day; storage cap. 600MT; crude oil, crude degummed oil, hydrogenated oil; served by truck.

ENGLAND

Samuel Banner & Company Ltd. R SF

59/61 Sandhills Lane, Liverpool L59XL, ENGLAND; PH: 010/051/922-7871; TLX: 627025 (BANNER G); FAX: 051/922-0407.

Other Offices: Fleet, Hampshire, ENGLAND
CONTACT: Colin J. Newman, Dir.

Refining cap. 240MT/day; storage cap. 3,000MT; crude degummed oil, once refined oil, fully refined oil, hydrogenated oil; served by truck, barge and ship. Soy oil products, cooking/salad oil.

BEOCO Limited R

Regent Road, Bootle, P.O. Box 26, Merseyside, Liverpool L20 1EH, ENGLAND; PH: 051/922-7272; TLX: 629339 (EDOILS G); FAX: 051/933-4165.

CONTACT: Mark Bennett, Comm. Dir.
Fully refined oil, hydrogenated oil; served by truck and ship.

Berrydales Ltd. ★ SF

5 Lawn Road, London NW3 2X5, ENGLAND; PH: 44/71/722-2866; TLX: 264671 (MALMUS); FAX: 44/71/722-7685.

CONTACT: Michelle Berriedale-Johnson, Dir.
Soyfoods, BERRYDALES fresh tofu and soymilk frozen desserts.

BOCM Silcock Ltd. ★ C R IP

Basing View, Basingstoke RG21 2EQ, Hampshire, ENGLAND; PH: 44/02/562-9211; TLX: 858429 (BSHO G).

Other Offices: Selby, Yorkshire (Plant)

CONTACT: David Lewin, Gen. Mgr.

Solvent extraction; crush cap. 400MT/day; storage cap. 2,000MT; meal, animal/livestock feed, crude oil; served by truck, rail and barge. Refining cap. 70MT/day; storage cap. 1,000MT; once refined oil, industrial oil products; served by truck, rail and barge. SUPER-SOY soy protein (industrial grade) as animal feed ingredient; soy oil (industrial grade) for resin manufacture.

The British Arkady Co. Ltd. ★ SF

Skerton Road, Old Trafford, Manchester M16 0NJ, ENGLAND; PH: 061/872-7161;

TLX: 668488; FAX: 061/873-8083.

CONTACT: Ronald M. Kirk, Sales Dir.

YELKIN lecithin (edible grade); ARCON soy concentrates; ARDEX isolated soy proteins; simulated meat products (analogs), Textured Vegetable Protein; ARKASOY soy flour, TVP textured soy flour, HISOY DOSOY full fat soy flour; soy fiber; soy grits; soyfoods, other soy-based foods (vegetarian foods, bakery ingredients).

Cargill UK Ltd. ★ C R

No. 2 Gladstone Dock, Bootle, L201BG Liverpool, Merseyside, ENGLAND; PH: 44/51/933-0624.

CONTACT: Terry Savidge

Solvent extraction; crush cap. 2,400MT/day; meal, hulls, crude oil, crude degummed oil; served by truck. Refining cap. 360MT/day; fully refined oil; served by truck.

Cherwell Valley Silos Ltd. ★ IP

Twyford, Banbury OX17 3AA, Oxfordshire, ENGLAND; PH: 044/0295-811441; TLX: 83477 (CVS BAN); FAX: 0295/811228.

Other Offices: Dieppe, FRANCE
(Cherwell Rail)

CONTACT: James Hoy, Sales Mgr.

SOYJOY MAXIM soy flour/soy protein (industrial grade), full fat for animal feed.

Full of Beans SF

96-97 High Street, Lewes BN7 1XH, East Sussex, ENGLAND; PH: 44/0273/472627.

CONTACT: John G. Gosling, Man. Dir.
Soyfoods, frozen desserts; tamar, shoyu soy sauces; tempeh; tofu; miso, soyabean and rice; other soy-based foods, soya lices; soya paté. CONTACT: Sara Gosling.

GMB Proteins Ltd. ★ SF

Affiliate of Bush Boake Allen Ltd.

Blackhorse Lane, Walthamstow, London E17 5QP, ENGLAND; PH: 01/531-4211; TLX:

★ Updated Listing
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SF=Edible Soy Products/Foods
IP=Industrial Soy Products

897808 (BBAWAL G); FAX: 01/531-4890.
CONTACT: Geoffrey F. Titchener, Tech.
Sales Mgr.

BONTRAE simulated meat products (analogues—meat-flavored, steam-textured soy proteins); **BONTRAE** textured soy flour (steam-textured soy proteins).

Haldane Foods Ltd. ★ SF

Hayhill Industrial Estate, Unit 25, Sileby Road,
Barrow upon Soar, Leicestershire LE12 8LD,
ENGLAND; PH: 050/981/6611; TLX:
342709 (HERAVN).

CONTACT: Brian Wellsby
Soyfoods, **SOJAL** soymilk; **SOJAL** frozen
desserts; **TOFEATA** tofu; other soy-based
foods, **HERA** meat alternatives (freeze-
dried); **TOFEATA** tofu burgers; **YOGA**
soy-based yogurt; **HERA** soup mixes.

Lucas Ingredients Ltd. ★ SF

Affiliate of Dalgety PLC
Moravian Road, Kingswood, Bristol BS15 2NG,
Avon, ENGLAND; PH: 44/0272-674681;
TLX: 449825; FAX: 0272/605409.
CONTACT: Paul Potter, Export Mgr.
NEWPRO soy concentrates; simulated meat
products (analogues); **SOLUS** textured soya
protein; soy grits; soyfoods, other soy-
based foods, special mixes for the baking &
meat industry; all vegetable food items.

Lucas Meyer (UK) Ltd. ★ C R SF IP

Affiliate of Lucas Meyer GmbH & Co., Hamburg
42 City Road, Chester CH1 3AE, ENGLAND;
PH: 0044/244/48447; TLX: 051/1/61616
(LMUKL G); FAX: 0044/244-46988.

Other Offices: Decatur, IL; Hamburg,
FEDERAL REPUBLIC OF GERMANY; S'Graven-
hage, NETHERLANDS; Oudenaarde,
BELGIUM; Vigonza, ITALY; Le Blanc Mesnil,
Cedex, FRANCE; Barcelona, SPAIN;
Campinas, BRAZIL.

CONTACT: Mike Preston, Man. Dir.
Animal/livestock feed. **Edible soy oil prod-
ucts**; **Industrial oil products**. **TOPCITHIN**, **M-
C-THIN**, **EMULFLUID**, **METARIN EMULPURE**,
EMULGUM, **LECIMULTIN**, **EMULTHIN**, **EP-
ICHOLIN**, and **EPIKURON** lecithins (edible
grade); **SOYAMIN 70** soy concentrates;
SOYAMIN 90 isolated soy protein; **VE-
GAFOOM** whipping soya protein; **TEX-
TRATEIN** textured soy protein; **SOYAMIN 50**
soy flour; **SOYAPAN** and **NURUPAN** full fat
soy flours; **NURULAT** full fat soya powder;
NURAFKAKES full fat soya flakes; **SOYOCO**
full fat soya kernels; **SOVITAL** soya bran;
NURUGRAN full fat soya grits. **LIPOTIN** and
LIPOWET lecithin (industrial grade) for

paints, varnishes, leather, magnetic tapes,
coatings, inks and cosmetics; **EMULMETIK**
modified soya phospholipids.

S. D. Matthews Limited SF

The Healey Complex, Healey Road, Osset WF5
8 NE, West Yorkshire, ENGLAND; PH:
0924/272534; TLX: 55483 (MATGRP);
FAX: 0924/277071.

CONTACT: Alan West, Trading Dir.
Soybean oil products, **St. LUKE'S** margarine;
PARK LANE shortening.

Procter & Gamble Ltd. ★ SF IP

Procter & Gamble Inc.
Hayesgate House, Uxbridge Road, P.O. Box 9,
Hayes UB4 0SD, Middlesex, ENGLAND; PH:
01/848-9671; TLX: 936310; FAX: 01/848-9671.
CONTACT: Murray King, Sales Mgr.
Soybean oil products, shortening; cooking/
salad oil. **Soybean fatty acids**. CONTACT:
Ian Edwards.

SPP Cambridge ★ SF

Station Road, Cambridge CB1 2JN, ENGLAND;
PH: 44/223/460666; TLX: 81352 (SPP G);
FAX: 44/223/352012.
CONTACT: Roger Woodfield, Mktg. Dir.
TRUSOY and **BREDSOY** full fat soy flour;
TRUGRAN soy grits; other soy-based foods,
bakery improvers.

**Van Den Berghs &
Jurgens Ltd. C SF**

Affiliate of Unilever Ltd.
Sussex House, Burgess Hill, Civic Way, West
Sussex RH15 9AW, ENGLAND; PH: 044/46300.
Other Offices: Bromborough, Purfleet (Plant)
CONTACT: B. P. Backlog, Oils & Fats Mgr.
Fully refined oil; **hydrogenated oil**, **edible soy
oil products**; served by truck, rail, barge and
ship. **Soy oil products**, margarine;
shortening; cooking/salad oil.

FINLAND

Oljynpuristamo Oy ★ C SF IP

Niittaajankatu 1, P.O. Box 15, Helsinki SF-
00811, FINLAND; PH: 358/0/780-155; TLX:
121518 (OILML SF); FAX: 358/0/755-6441.
CONTACT: Pentti Karri, Mktg. Dir.
Continuous screw press, solvent extraction;
crush cap. 500MT/day; storage cap.
10,000MT; crude super degummed soybean
oil, crude soybean oil, meal and flour; served

Soybean Processors and Manufacturers of Soy-Based Products

by barge, rail, ship and truck. Lecithin (edible grade), OPEX soy flour (bulk and bags); soybean oil products, cooking/salad oil (cans, plastics, tins). Lecithin (Industrial grade) for paints, etc.

Raislon Tehtaat Oy Ab C R SF IP

P.O. Box 101, Raisio SF-21201, FINLAND;
PH: 385/21/792-111; TLX: 62236 (RATE SF);
FAX: 358/21/792-664.

CONTACT: Heikki Siintola, Gen. Mgr.,
Int'l. Oper.

Continuous screw press, solvent extraction;
crush cap. 500MT/day; storage cap. 8000MT;
animal/livestock feed, crude degummed soybean oil, meal; served by rail, ship and truck.
Refining cap. 85MT/day; crude degummed soybean oil, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail, ship and truck. CONTACT: Olli Siika-aho.
Soybean oil products, margarine; shortening; cooking/salad oil; salad dressing.
CONTACT: Folke Gustafsson. Soy oil (Industrial grade); soybean fatty acids. CONTACT: Jan-Erik Johansson.

Tuottajain Ryysli Oy ★ C

Mikkolantie 1, P.O. Box 1, Helsinki 00641, FINLAND; PH: 358/0/7291; TLX: 124660 (HJAHE SF); FAX: 358/0/729-2612.

Other Offices: Kouvola, FINLAND (Mfg.)

CONTACT: Erkki Franssila, Man. Dir.

Continuous screw press; crush cap. 150MT/day; storage cap. 100MT; animal/livestock feed, crude soybean oil; served by truck.

FRANCE

ALIDOC SF

Affiliate of Cooperative Occitane
Z. I. Rue Denis Papin, Saint Antoine, Saint-Juery 81160, FRANCE; PH: 63/453522;
TLX: 531051 (COOCITA).

CONTACT: Yvon Matha
Full fat soy flour.

CACOJA ★ C SF

8 Route de Merxheim, Issenheim 68500, FRANCE; PH: 33/8974-5353; TLX: 881-719 (BISOJA); FAX: 8976-6280.

CONTACT: Hervé Charton, Sales Mgr.

Crush cap. 2,000MT/day; hulls. ULTRA-FILTERED soy concentrates soymilk; soy fiber; soybean oil products, FORMOSA-LINES salad dressing; soyfoods, soymilk, drinks or

beverages; soy sauce; tofu & tofu products; soynuts (whole soybean snacks); other soy-based foods, SOY-NILCU chocolate soy ice.

Cherwell Rail Europe ★ C SF

Affiliate of Cherwell Valley Silos, U.K.
Z.I. Rouxmesnil-Bouteilles, P.O. Box 147, Dieppe 76204, FRANCE; PH: 33/35/82-7285; TLX: 180655 (CHERLI D); FAX: 33/35/84-3048.
SOYJOY full fat soy flour (for cattle feed).

Compagnie Cargill S.A. ★

Affiliate of Cargill, Inc. Minneapolis, MN
MAIN OFFICE: 18-20 Rue des Gaudines, St. Germain en Laye 78100, FRANCE; PH: 33/1/3973-6611; TLX: 696828 (GRANA F).
Other Offices: Brest, St. Nazaire (Plants)
CONTACT: J. L. Lapix, Gen. Mgr.

Compagnie Cargill S.A. ★ C

Rue de Yokosuka, Brest 29200, FRANCE;
PH: 33/9880-2609; TLX: 940238 (SF BREST).
CONTACT: Juan Recasens, Dpty. Acct. Mgr.
Solvent extraction; crush cap. 1,800MT/day; storage cap. 35,000MT; meal, crude degummed oil; served by truck, rail and ship.

Compagnie Cargill S.A. ★ C

Blvd. Leferme, St. Nazaire 4460, FRANCE;
PH: 33/4066-5266; TLX: 700941 (SQJA FRAN).

CONTACT: Juan Recasens, Dpty. Acct. Mgr.
Solvent extraction; crush cap. 1,600MT/day; storage cap. 60,000MT; meal, hulls, crude degummed oil; served by truck, rail and ship.

P. Dumortier Freres R SF

105 Rue de Rotterdam, BP 120, Tourcoing 59202, NDRD, FRANCE; PH: 20/266100; TLX: 810075 or 131162; FAX: 20/362278.

CONTACT: Guy-Noël Dumortier, Pres.
Refining cap. 175MT/day; storage cap. 2,000MT; edible soy oil products, refined soybean oil; served by truck. Soybean oil products, RIO, PRIOR, MAYOR margarine; MAYOR, PRIOR salad dressing.

LIMA France ★ SF

Affiliate of LIMA Belgium
Le Moulin d'Andiran, Mezin 47170, FRANCE;
PH: 33/6171/22046; TLX: 541137.
CONTACT: Mr. Stevens, Sales Mgr.
Soyfoods, mleo.

Lucas Meyer

France S.A. ★ C R SF IP

Affiliate of Lucas Meyer GmbH & Co., Hamburg
Centre d' Affaires Paris Nord le Continental,

★ Updated Listing
Alphabetical By Country

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SF=Edible Soy Products/Foods
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F-93153 Le Blanc Mesnil, Cedex, FRANCE; PH: 0033/1/44591-2300; TLX: 233966 (MEYER FR); FAX: 0033/1/4591-19030.

Other Offices: Decatur, IL; Chester, ENGLAND; S'Gravenhage, NETHERLANDS; Oude-naarde, BELGIUM; Vigonza, ITALY; Hamburg, FEDERAL REPUBLIC OF GERMANY; Barcelona, SPAIN; Campinas, BRAZIL.

CONTACT: Pierre Lebourd, Man. Dir.

Animal/livestock feed. Edible soy oil products; industrial oil products. TOPCITHIN, M-C-TIN, EMULFLUID, METARIN EMULPURE, EMULGUM, LECIMULTIN, EMULTIN, EPICHOLIN, and EPIKURON lecithins (edible grade); SOYAMIN 70 soy concentrates; SOYAMIN 90 isolated soy protein; VEGAFOOM whipping soya protein; TEXTRATEIN textured soy protein; SOYAMIN 50 soy flour; SOYAPAN and NURUPAN full fat soy flours; NURULAT full fat soya powder; NURAFLAKES full fat soya flakes; SOYOCO full fat soya kernels; SOVITAL soya bran; NURUGRAN full fat soya grits. LIPOTIN and LIPOWET lecithin (industrial grade) for paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids.

MAHO Distribution SF

Affiliate of Aixagri

18 Square Les Oliviers, Coudoux 13.111, FRANCE; PH: 42/52-0944; TLX: 420501 (AIXAGRI).

CONTACT: Pierre Maitre, Gen. Mgr.
TOFU 'KISS.

Societe Industrielle des

Oleagineux (SIO) ★ R SF IP

Affiliate of British Arkady (A.D.M. Group)

MAIN OFFICE: 62/70 Rue Ivan Tourgueneff, Bougival 78380, FRANCE; PH: 1/39/69-7070; TLX: 689413 (SOLEAG).

Other Offices: Saint-Laurent-Blangy, FRANCE (mfg.)

CONTACT: Guy Deneck, Protein Mgr.

Edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by truck. LECSIO lecithin (edible grade); TVP-2 soy concentrates; ARDEX isolated soy proteins; PROTISOYA soy flour; TVP-1 textured soy flour; SOYASOL, PERSOYA, FCBS full fat soy flour; soy fiber; DYNASOYA soy grits; soybean oil products, shortening; other soy-based foods, BOULANGE (bread mix); NUTRISIO (dietetic). Lecithin (industrial grade); SOYOPTIM soy flour/soy protein (industrial grade); PERSOYA full fat soy flour/soy protein;

SOYASSIM soy flour/soy protein for calf-milk replacers.

Societe Industrielle des

Oleagineux (SIO) C R SF IP

10-12 Rue du General de Gaulle, Saint-Laurent-Blangy 62223, FRANCE; PH: 2159-9800; TLX: 820580 (SIO).

CONTACT: Guy Deneck

Meal, hulls, animal/livestock feed; served by truck, rail and barge. Fully refined oil, hydrogenated oil; served by truck, rail and barge. Lecithin (edible grade); simulated meat products (analogs); soy flour; soy grits; soy oil products, shortening; other soy-based foods, bread mix. Lecithin (industrial grade); soy flour/soy protein (industrial grade); soy oil (industrial grade).

Société Soy ★ SF

1, Rue du Crêt de la Perdrix, St. Chamond 42400, FRANCE; PH: 33/16/7731-2366;

TLX: 307072; FAX: 33/16/7731-4270.

CONTACT: Jean de Preneuf

Soyfoods, CROQUE tofu.

SOJADOC ★ SF

Affiliate of Cooperative Occitane

Zone Industrielle La Viscose, Albi 81000, FRANCE; PH: 33/63/454645.

CONTACT: Jacques Isnard

Soyfoods, TONYU soymilk, drinks or beverages; tofu, soft, medium or firm (vacuum packed, 200g, 400g or 3,500g); other soy-based foods, LOW FAT delicatessen seafood and tofu pies (low fat pastry).

GERMANY, FEDERAL REPUBLIC OF (WEST GERMANY)

A.D.M. Oelmuehlen GmbH ★ C

Affiliate of Archer Daniels Midland Company

Oelwerke Spyck, D-4190 Spyck Post Kleeve, Postfach 128, Spyck, FEDERAL REPUBLIC OF GERMANY; PH: 49/28/21-9041; TLX: 811817 (SPYCK D); FAX: 49/28/21-9046.

Other Offices: Little Rock, AK; Augusta, Valdosta, GA; Des Moines, IA; Frankfort, IN; Champaign, Decatur, Galesburg, Granite City, Taylorville, IL; Fredonia, KS; Mankato, MN; N. Kansas City, Mexico, MO; Clarksdale, MS; Fremont, Lincoln, NE; Fostoria, OH; Kershaw, SC; Windsor, Ontario, CANADA (ADM Agri-Industries, Ltd. d/b/a/ Maple Leaf Monarch); Rotterdam,

Soybean Processors and Manufacturers of Soy-Based Products

NETHERLANDS (A.D.M. Company Europe); Europoort, NETHERLANDS (A.D.M. Europoort).

CONTACT: Albert Aue, Mgr.

Solvent extraction; crude soybean oil, meal; served by barge.

A.D.M. Oelwerke Spyck ★ C

Affiliate of Archer Daniels Midland Co.
Post Kleve, Postfach 128, D-4190 Spyck,
FEDERAL REPUBLIC OF GERMANY; PH:
49/2821-9950; FAX: 49/2821-995150.

CONTACT: Mr. Nefzger, Plant Mgr.

Solvent extraction; meal; crude and crude degummed oil; served by truck and barge.

Akzo Chemicals ★ R SF IP

Industriestrasse 10, P.O. Box 1520, D-4240
Emmerich/Rhein, FEDERAL REPUBLIC OF
GERMANY; PH: 49/02822-74341; TLX:
8125212 (NVL D); FAX: 49/02822-74203.

CONTACT: F. Kielman, Sales Mgr.

Fully refined oil, edible soy oil products; served by truck, rail and barge. Soy oil products, cooking/salad oil; salad dressing. Soy oil (industrial grade), soy standoils, blown and boiled soy oils for resins, paints and varnishes; soy sterols & tocopherols; soybean fatty acids.

Breuer Food Agency ★ SF

Talstraße 19, D-6242 Kronberg/Taunus,
FEDERAL REPUBLIC OF GERMANY; PH:
49/6173-79706; FAX: 49/6173-2243.

CONTACT: Georg Breuer, Owner

Soy concentrates; simulated meat products (analogs); soy flour; textured soy flour; full fat soy flour; soy fiber; soy grits; soyfoods, other soy-based foods, special mixes for the baking & meat industries; all vegetable food items.

Edelsoja GmbH ★ SF

Ausschlaeger Elbdeich 62, P.O. Box 26 16 65,
D-2000 Hamburg 26, FEDERAL REPUBLIC OF
GERMANY; PH: 0049/40/789550; TLX:
2163220 (MEYER D); FAX: 0049/40/789-8329.

Other Offices: Decatur, IL; Chester, ENGLAND; S'Gravenhage, NETHERLANDS; Oudenaarde, BELGIUM; Vigonza, ITALY; Le Blanc Mesnil, Cedex, FRANCE; Barcelona, SPAIN; Campinas, BRAZIL.

CONTACT: Karl-Otto Tielker, Man. Dir.

SOYAMIN 70 soy concentrates; SOYAMIN 90 isolated soy protein; NURUPAN, NURULAT soy flour; TEXTRATEIN textured soy flour; SOYAPAN full fat soy flour; NURUFLAKES soy fiber; NURUGRAN soy grits.

Fritz Homann Lebensmittelwerke GmbH & Co. K.G. ★ SF

Bahnhofstraße 4, P.O. Box 1180, Dissen a.T.W.
4503, FEDERAL REPUBLIC OF GERMANY;
PH: 0542-1311; TLX: 94311 (HOMAD D);
FAX: 05421-2939.

CONTACT: Friedrich Gervelmeyer, Einkaufsleiter

Soy oil products, margarine; shortening; cooking/salad oil; salad dressing.

Interfood Deutschland GmbH SF

Affiliate of Interfood Luxembourg S.A.
Louisenstrasse 120, P.O. Box 1751, Bad
Homburg D-6380, FEDERAL REPUBLIC OF
GERMANY; PH: 49/6172/40100; TLX: 415840
(FOOD D); FAX: 49/6172/459057.

CONTACT: Hans D. Kneer, Man. Dir.

Soyfoods, soymilk, drinks or beverages; whole soybean snacks (soynuts); other soy-based foods, sports nutrition products; all vegetable food items.

Lucas Meyer GmbH & Company ★ C R SF IP

Ausschlaeger Elbdeich 62, P.O. Box 26 16 65,
D-2000 Hamburg 26, FEDERAL REPUBLIC OF
GERMANY; PH: 0049/40/789550; TLX:
2163220 (MEYER D); FAX: 0049/40/789-8329.

Other Offices: Decatur, IL; Chester, ENGLAND; S'Gravenhage, NETHERLANDS; Oudenaarde, BELGIUM; Vigonza, ITALY; Le Blanc Mesnil, Cedex, FRANCE; Barcelona, SPAIN; Campinas, BRAZIL.

CONTACT: Jens Heiser, Man. Dir.

Animal/livestock feed. Edible soy oil products; industrial oil products. TOPCITHIN, M-C-THIN, EMULFLUID, METARIN EMULPURE, EMULGUM, LECIMULTIN, EMULTHIN, EPICHOLIN, and EPIKURON lecithins (edible grade); SOYAMIN 70 soy concentrates; SOYAMIN 90 isolated soy protein; VEGAFOOM whipping soya protein; TEXTRATEIN textured soy protein; SOYAMIN 50 soy flour; SOYAPAN and NURUPAN full fat soy flours; NURULAT full fat soya powder; NURAFLAKES full fat soya flakes; SOYOCO full fat soya kernels; SOVITAL soya bran; NURUGRAN full fat soya grits. CONTACT: Tilman Graf. LIPOTIN and LIPOWET lecithin (industrial grade) for paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids. CONTACT: Thomas Arnold.

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See Our Display Ad On Page 1

A. Nattermann & Cie. GmbH ★ SF IP

Nattermannallee 1, P.O. Box 35 01 20, D-5000 Cologne 30, FEDERAL REPUBLIC OF GERMANY; PH: 221/509-2498; TLX: 8881928 (NAT D); FAX: 221/509-2711.

Other Offices: Danbury, CT (Nattermann Phospholipid Inc.); Danbury, CT (American Lecithin Co.)

CONTACT: Achim Andrés, Purchasing Mgr.
CHOCONUT, NATHIN, NUTHRITHIN, PHOSAL and PHOSPHOLIPON lecithin (edible grade). **PROBIOL** lecithin (Industrial grade) for leather, textile, magnetic types and paint.

Noblee & Thorl GmbH R SF

Seehafenstrasse 24, P.O. Box 901040, D-2100 Hamburg 90, FEDERAL REPUBLIC OF GERMANY; PH: 040/76693-0; TLX: 217713 (NOBL D).

CONTACT: Rolf Spindler, Purchasing Mgr.
Once refined oil, fully refined oil, hydrogenated oil, fractionated oil; served by truck, rail, barge and ship. Soy oil products, shortening; cooking/salad oil.

Oelmühle Hamburg AG C R

Kohlbrandstrabe 1, P.O. Box 930320, D-2102 Hamburg 93, FEDERAL REPUBLIC OF GERMANY; PH: 040/7519420; TLX: 2163537 (OLAG D); FAX: 407/519-4300.

CONTACT: Arnd V. Wissel, Dir.
Solvent extraction, for soya and/or soft seeds; crush cap. 6,000MT; meal, crude degummed oil; served by truck, rail, barge and ship. Fully refined oil; served by truck, rail, barge and ship. **CONTACT:** Mr. Wegener.

A. Saumweber GmbH SF

Emil-Geis-Str. 3-7, P.O. Box 701608, 8000 Munchen 70, FEDERAL REPUBLIC OF GERMANY; PH: 089/7232026; TLX: 523556 (ASAUM D); TWX: 7238387.

CONTACT: Alexander Szép, Purchasing Mgr.
Soy oil products, margarine; shortening; cooking/salad oil.

O. & L. Sels ★ C R SF IP

Duesseldorfer Street 99-101, Postfach 101348, D-4040 Neuss/Rhein, FEDERAL REPUBLIC OF GERMANY; PH: 02101/27990; TLX: 8517835 (SELS D).

CONTACT: Otto Sels, Owner
Continuous screw press, solvent extraction; crush cap. 2,100MT/day; storage cap. 27,000MT; meal, crude oil, crude degummed oil; served by truck, rail, barge and ship. **CONTACT:** Gerhard Struennck. Refining cap. 250MT/day; storage cap. 20,000MT; crude

degummed oil, once refined oil, fully refined oil; served by truck, rail, barge and ship. Soy oil products, cooking/salad oil; salad dressing. **Lecithin** (Industrial grade); soy sterols & tocopherols; soybean fatty acids. **CONTACT:** Josef Kerres.

Soya Mainz GmbH & Co.

Kommanditgesellschaft ★ C R IP

Dammweg 2, Mainz D-6500, FEDERAL REPUBLIC OF GERMANY; PH: 06131-80051; TLX: 4-187-761 (SM D); FAX: 06131-834104.

CONTACT: Dieter Berres, Prokurist
Solvent extraction; crush cap. 2,500MT/day; crude degummed soybean oil, hulls, meal; served by barge, rail and truck. Refining cap. 300MT/day; storage cap. 300MT; crude degummed soybean oil, fully refined soybean oil; served by barge, rail and truck. **Lecithin** (Industrial grade); soy oil (Industrial grade); soybean fatty acids.

Stern-Chemie ★ SF IP

An der Alster 81, D-2000 Hamburg 1, FEDERAL REPUBLIC OF GERMANY; PH: 040/248-3001; TLX: 2162-052 (STAR D); FAX: 040/280-3427.

CONTACT: Jürgen Wörner, Pres.
STERNCITHIN, STERNPUR, STERNPHIL, STERNMULS lecithin (edible grade); **STERNPRO 70** soy concentrates; **STERNBEST 90** isolated soy proteins; **STERNPRO 50** soy flour, **STERNPAN 40 T-STERN**SOY full fat soy flour; **STERNBRAN** soy fiber; soy grits; soyfoods, **STERNNUTS** soynuts (whole soybean snacks). **STERNCITHIN** lecithin (Industrial grade).

C. Thywissen C R SF

Industriestrasse 33, D-4040 Neuss 1, P.O. Box 101454, Neuss/Rhein D-4040, FEDERAL REPUBLIC OF GERMANY; PH: 2101/26041; TLX: 8517803 (THYW D); FAX: 2101/25084.

CONTACT: Matthias Fischer, Gen. Mgr., Soybeans
Solvent extraction; crush cap. 1,00MT/day; storage cap. 25,000MT; meal, crude oil, crude degummed oil; served by truck, rail, barge and ship. Refining cap. 200MT/day; storage cap. 20,000MT; crude degummed oil, once refined oil, fully refined oil, edible soy oil products; served by truck, rail, barge and ship. **Lecithin** (edible grade); soy oil products, cooking/salad oil.

Tofukost-Werk TKW GmbH ★ SF

Siemensweg 1, P.O. Box 3212, 4724 Wadersloh-Diestedde, FEDERAL REPUBLIC OF GERMANY; PH: 02520/1300.
Soybean oil products, salad dressing;

soyfoods, soymilk, drinks or beverages; tofu & tofu products.

**Unimills-Verein Deutscher
Oelfabriken C R**

Div. of Union Deutsche Lebensmittelwerke
GmbH, Hamburg
Bonadiesstrasse 3-5, P. O. Box 103452, D-6800
Mannheim 1, FEDERAL REPUBLIC OF
GERMANY; PH: 3704-212; TLX: 0463031.
CONTACT: K. Eckert, Plant Mgr.
Solvent extraction; crush cap. 3,200MT/day;
storage cap. 30,000MT; meal, crude oil;
served by truck, rail and barge. Refining cap.
300MT/day; storage cap. 10,000MT; crude
degummed oil; fully refined oil; served by
truck, rail and barge.

GREECE

Blotrek S.A. ★ SF

52 Pondou Street, Athens 11527, GREECE;
PH: 30/1/770-8625; TLX: 218671 (PHAL GR);
FAX: 30/1/770-4539.
CONTACT: John Lewis, Pres.
Simulated meat products (analog), dry mix;
soyfoods, soymilk, drinks or beverages, dry
mix; other soy-based foods, diet, geriatric,
athletic and other special nutrition products.

Soya Hellas S.A. ★ C IP

MAIN OFFICE: 48, Voukovrestiov Street,
Athens 10673, GREECE; PH: 30/1/363-3663;
TLX: 224893 (SOYA GR).
Other Offices: Psachna - Evia (Plant)
CONTACT: Dimitriou Stelios, Man. Dir.
Solvent extraction; crush cap. 750MT/day;
storage cap. 100,000MT; animal/livestock
feed, crude degummed soybean oil, meal;
served by ship and truck. SUPER SOYA full
fat soy flour/soy protein (Industrial grade) for
animal feed.

Soya Hellas S.A. C

Psachna - Evia, Psachna 34400, Evia,
GREECE; PH: 0228/22771-2;
TLX: 272101 (SOYA GR).
CONTACT: Giannakopoulos Andreas,
Sales Dept.
Solvent extraction; meal, crude degummed
oil; served by truck and ship. CONTACT:
John Pardavellas, Plant Mgr.

GUATEMALA

Alimentos S.A. ★ C SF

Carretera a San José Pinula, Km. 14.5, P.O.
Box 8; Guatemala City 01973; GUATEMALA;
PH: 502/9/30-12-66 or 30-12-68; FAX:
502/9/30-18-16.
CONTACT: Carlos F. Tejada, Gen. Mgr.
PROTEMAS simulated meat products
(analog) in 150 gram and 25 pound bags.

OLMECA S.A. C R SF

1/2, Carretera a El Salvador, Km. 16, Apartado
Postal 1463, Guatemala City, GUATEMALA;
PH: 502/030/1946; TLX: 6356 (OLMECA).
CONTACT: Jose Luna, Prod. Mgr.
Solvent extraction, continuous screw press;
crush cap. 200MT/day; storage cap. 8,000MT;
meal; served by truck. Refining cap. 100MT/
day; storage cap. 6,000MT; crude degummed
oil, hydrogenated oil; edible soy oil prod-
ucts; served by truck. Soybean oil products,
OLMECA margarine (normal), CREMY mar-
garine (dietetic); OLMECA shortening;
OLMECA cooking/salad oil.

HONDURAS

**Proteinas y Grasas S.A.
(PROGRASA) ★ C R SF**

P.O. Box 30103, Comayaguela, HONDURAS;
PH: 504/340219; TLX: 1675 (MOLIM HO);
FAX: 504/340281.
CONTACT: René Morales, Pres.
Solvent extraction; crush cap. 150MT/day;
storage cap. 8,000MT; animal/livestock feed,
crude degummed soybean oil; served by
truck and rail. Refining cap. 90MT/day; stor-
age cap. 2,500MT; edible soy oil products,
fractionated oil, hydrogenated soy oil, re-
fined soybean oil; served by truck, ship and
rail. Soybean oil products, margarine; short-
ening; cooking/salad oil; salad dressing.

HONG KONG

**The Hong Kong Soya Bean
Products Company, Ltd. ★ SF**

1 Kin Wong Street, Tuen Mun, N. T., HONG
KONG; PH: 852/466-0333; TLX: 52252

(VITTA HX); FAX: 852/456-3441.
 CONTACT: Francis Kong, Tech. Dir.
 Soyfoods, VITASOY soymilk, drinks or beverages. CONTACT: Terence Ho, Export Mgr.

INDIA

Allana Oil Mills ★ C R SF IP

Allana House, 4, Allana Road, Colaba, G.P.O. Box 997, Bombay 400 039, Maharashtra, INDIA; PH: 91/22/287-4455; TLX: 113317 or 114849 (ALNA IN); FAX: 91/22/204-4821.

Other Offices: Thana, Maharashtra, INDIA (mfg.)

CONTACT: K. C. Mehta, Dir.

Solvent extraction; crush cap. 100MT/day; storage cap. 3,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal, white flakes for edible purposes; served by rail, ship and truck. Refining cap. 140MT/day; storage cap. 7,000MT; crude degummed soybean oil, hydrogenated soy oil; served by rail, ship and truck. Soy flour, textured soy flour; soy grits. Soy oil (Industrial grade) for hydrogenation, paint and chemicals.

Alpine Solvex Limited C R SF

10-11 Yeshwant Niwas Road, Indore 452003, Madhya Pradesh, INDIA; PH: 91/0731/37365 to 37369 (6 lines); TLX: 735-216 (FOOD IN) or 735-378 (ALSO IN); FAX: 22/204-9372.

Other Offices: New Delhi; Bombay, Maharashtra, INDIA

CONTACT: Jamboo K. Bhandari, Man. Dir.

Solvent extraction; crush cap. 250MT/day; storage cap. 9,000MT; meal, crude oil, crude degummed oil, white flakes for edible purposes; served by truck, rail and ship. Refining cap. 40MT/day; storage cap. 400MT; crude degummed oil, once refined oil, fully refined oil; served by truck, rail and ship. Lecithin (edible grade); full fat soy flour; soy grits. CONTACT: M. C. Badami.

Anupam Extractions

Ltd. ★ C R SF IP

Borgaon Road, P.O. Box 29, Wardha 442001, Maharashtra, INDIA; PH: INDIA WARDHA 3125 or 2603.

Other Offices: Wardha, INDIA (Ajanta Extractions & Shakti Oil Industries)

Continuous screw press, solvent extraction; storage cap. 100MT; crude degummed soybean oil, crude soybean oil, meal; served by

rail and truck. Storage cap. 20MT; crude degummed soybean oil, edible soy oil products, refined soybean oil; served by rail and truck. Soybean oil products, cooking/salad oil. Soy oil (Industrial grade); soybean fatty acids.

Bhavnagar Vegetable Products Unit ★ C R SF IP

Affiliate of The National Dairy Development Board

Bunder Road, Bhavnagar 364001, Gujarat, INDIA; PH: 91/200/0278-29693; TLX: 0182-222.

CONTACT: Kirti K. Soni, Asst. Gen. Mgr.

Continuous screw press, solvent extraction; crush cap. 150MT/day; crude soybean oil, meal; served by rail, ship and truck. Refining cap. 40MT/day; hydrogenated soy oil, refined soybean oil; served by rail, ship and truck. Soybean oil products, PRABHAT margarine; SULABH cooking/salad oil. Soybean fatty acids.

Bombay Extractions Ltd. C R

Daya Mandir, 1st Floor, 123-25 Mumbadevi Road, Bombay 400003, INDIA; PH: 328259 or 328859 or 339865; TLX: 11-75472 (BELL IN).

CONTACT: C. J. Rajappan, Mgr.

Solvent extraction, crush cap. 100MT/day; storage cap. 3,000MT; crude oil, crude degummed oil; served by ship. Refining cap. 15MT/day; storage cap. 2,000MT; crude degummed oil, once refined oil, fully refined oil; served by ship.

Foods Fats & Fertilisers Ltd. ★ C R

Tanuku Road, P.O. Box 15, Tadepalligudem 534 101, Andhra Pradesh, INDIA; PH: 2571 (4 lines), 2525; TLX: 04705-202 (FFF IN); FAX: 9144-863022 (Madras).

Other Offices: Madras, Tamilnadu; Bombay, Maharashtra; Calcutta, West Bengal; Hyderabad, Andhra Pradesh; Kakinada, Andhra Pradesh

CONTACT: Sushil Goenka, Vice Pres.

Solvent extraction; crude soybean oil, crude degummed soybean oil, meal; served by truck and rail. Refined soybean oil; served by truck and rail.

General Foods Limited C R SF IP

101, Mahakosh House, 7/5, South Tukoganj, Opp. Nathmandir, Indore 452 001, Madhya Pradesh, INDIA; PH: 91/0731/23281 (5 lines); TLX: 0735-203 (MSS IN) or 011-3273 (GFPL IN); FAX: 91/0731/21726 (GFL IN).

Other Offices: Bombay, Maharashtra, INDIA

CONTACT: Suresh Shahra

Solvent extraction; crush cap. 350MT/day; storage cap. 15,000MT; animal/livestock

feed, crude degummed soybean oil, crude soybean oil, hulls, meal, white flakes for edible purposes; served by rail, ship and truck. Refining cap. 75MT/day; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail, ship and truck. Lecithin (edible grade); soy flour; textured soy flour; full fat soy flour; soy grits; soybean oil products, cooking/salad oil; soyfoods, tofu & tofu products. Lecithin (Industrial grade) for paint and printing ink; soy flour/soy protein (Industrial grade); soy oil (Industrial grade).

Indovita Proteins (P) Ltd. ★ SF

SA-66, Shastri Nagar, Ghaziabad 201001, U.P., INDIA; PH: 0091/0118-42217 or 44450.

Other Offices: Ghaziabad, U.P.; New Delhi, N.D.; Azamgarh, U.P.

CONTACT: Pawan Swarup, Dir.

Soyfoods, SUPER SOY soymilk, drinks or beverages; SUPER SOY (Soya Paneer) tofu & tofu products; SUPER NUTS fried/roasted soyabean soynuts (whole soybean snacks); other soy-based foods, SUPER SOY yogurt; burger vegetables; tea snacks.

Jai Kisan Agro Products ★ C

C/3-4 Sanver Road, Industrial Estate, Indore 452003, M.P., INDIA; PH: 91/731/35458; TLX: 91/731/35304.

Other Offices: Halol, Gujrat, INDIA (Protein Feeds & Foods, Put. Ltd.)

CONTACT: Ashok Badjatiya, M.D.

Animal/livestock feed; served by rail or truck.

Kapil Agro Ltd. C

MAIN OFFICE: 36 Chowringhee Road, Calcutta 700071, West Bengal, INDIA; PH:

091/033-291758; TLX: 021-7412 (IJCA IN).

Other Offices: Narsinghpur, M.P. (Plant)

CONTACT: H. K. Jalan, Dir.

Meal.

Kapil Agro Ltd. C

Kheri-Keda Village, National Highway 26, P.O. Box 23, Narsinghpur 487001, M.P., INDIA; PH:

294 or 295 or 296; TLX: 0765-285 (MPCC IN).

CONTACT: H. K. Jalan, Dir.

Solvent extraction; crush cap. 150MT/day; storage cap. 400MT; meal, crude oil, crude degummed oil, once refined oil, fully refined oil; served by truck and rail.

Krishna Oil Extractions

Ltd. (KOEL) ★ C R

14/15 Jaora Compound, 1st Floor, Indore

452001, M.P., INDIA; PH: 0731/68773 or 68607 or 68628; TLX: 0735-262 (KOEL IN).

Other Offices: Rajgarh (Biora), M.P. (mfg.); Raipur, M.P. (office).

CONTACT: Om Prakash Goel, Dir.

Crush cap. 200MT/day; storage cap. 10,000MT; crude soybean oil, meal; served by truck and rail. Refining cap. 30MT/day; storage cap. 200MT; refined soybean oil; served by truck and rail.

M. P. Oil Extraction Pvt. Ltd. C R

22/55 Industrial Area, Raipur 493221, M. P., INDIA; PH: 0771/26670 or 0771/26674 or

0771/28327 or 0771/28175; TLX: 011-5483

(MPOL) or 011-0775 224 (MPOL IN).

CONTACT: Suresh D. Manik, Man. Dir.

Solvent extraction; crush cap. 150MT/day; storage cap 3,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, meal; served by rail, ship and truck. Refining cap. 30MT/day; storage cap. 700MT; crude degummed soybean oil, edible soy oil products, refined soybean oil; served by rail, ship and truck.

The Malwa Vanaspati &

Chemical Co. Ltd. C R SF IP

Mohatta Nagar, Indore 452003, M.P., INDIA; PH: 23251; TLX: 0735-228 (MVCC IN).

CONTACT: C. S. Radhakrishnan, Pres.

Solvent extraction; crush cap. 60MT/day; storage cap. 4,000MT; meal; served by truck, rail and ship. Refining cap. 100MT/day; storage cap. 400MT; crude oil, fully refined oil, hydrogenated oil, edible soy oil products; served by truck, rail and ship. Soybean oil products, de-oiled cake or flakes; cooking/salad oil. Soy oil (Industrial grade); soybean fatty acids.

Narsingh Extraction &

Allied Products Pvt. Ltd. C

1282 Gupteshwar Road, Madan Mahal, Jabalpur 482001, INDIA; PH: 28542;

TLX: 765283 (NEXT IN).

Plant At: Narsinghpur, INDIA

CONTACT: L. S. Chhabra, Exec. Dir.

Solvent extraction; crush cap. 100MT/day; meal, crude oil; served by truck and rail.

Nav Maharashtra Chakan

Oil Mills ★ C R SF

MAIN OFFICE: 42/43, Shankar Sheth Road, P.O. Box 1427, Pune 411037, Maharashtra,

INDIA; PH: 91/0212/650406 or 650407 or 650408 or 650605; TLX: 0145349 (NMC IN);

FAX: 212/650411.

Other Offices: Sangli, Maharashtra
CONTACT: Shantilal R. Lunkad, Partner
Continuous screw press, solvent extraction;
crush cap. 200MT/day; storage cap.
15,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal, white flakes for edible purposes; served by truck. Refining cap. 50MT/day; storage cap. 200MT; crude degummed soybean oil, refined soybean oil; served by tanker. Soybean oil products, PRAKASH refined soybean oil.

**Nav Maharashtra
Chakan Oil Mills C**

E-6, Kupad Block, M.I.D.C., Sangli, Maharashtra, INDIA; PH: 66406 or 66407; TLX: 145349 (NMC IN).
CONTACT: Shantilal R. Lunkad, Partner
Solvent extraction; crush cap. 200MT/day; storage cap. 10,000MT; meal, animal/livestock feed, crude oil, fully refined oil; served by truck and rail.

Oswal Agro Mills Ltd. C R SF

Gopala Towers, 2nd Floor, 25 Rajendra Place, New Delhi 110008, INDIA; PH: 571-5103; TLX: 031-61553 (OAM IN); FAX: 572-2406.
Other Offices: Ludhiana; Punjab; Bhopal, M.P. (Plants)
CONTACT: K. L. Jain, Dir.
Solvent extraction; crush cap. 450MT/day; storage cap. 75,000MT; animal/livestock feed, meal; served by rail, truck. Refining cap. 75MT/day; storage cap. 2,000MT; refined soybean oil; served by rail, truck. Soybean oil products, cooking/salad oil.

Premier Industries

(India) Ltd. ★ C R SF IP
107, Chetak Centre, 12-2, R.N.T. Marg, Indore

452001, M. P., INDIA; PH: 91/0731/38705; TLX: 0735-306 (PREM IN).
CONTACT: Girdharil Agrawal, Chman.
Solvent extraction; crush cap. 400MT/day; storage cap. 25,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal, white flakes for edible purposes; served by rail, ship and truck.
CONTACT: R. L. Agrawal. Refining cap. 25MT/day; storage cap. 1,200MT; crude degummed soybean oil, edible soy oil products; served by rail and truck. **CONTACT:** R. L. Agrawal.
PREMIER soy flour; PREMIER textured soy flour; PREMIER full fat soy flour; PREMIER soy fiber; PREMIER soy grits; soyfoods, TUFFY soymilk, drinks or beverages.
CONTACT: Rajesh Agrawal. Full fat soy flour/soy protein (Industrial grade). **CONTACT:** Rajesh Agrawal.

Prestige Foods Ltd. C R SF

30, Jaora Compound, M.Y.H. Road, Indore 452001, M.P., INDIA; PH: 32075-78; TLX: 0735/205 (PFM IN).
CONTACT: Manmath Patni, Prod. Dev. Mgr.
Solvent extraction; crush cap. 500MT/day; storage cap. 30,000MT; meal; white flakes for edible purposes; served by truck and rail. Refining cap. 75MT/day; storage cap. 2,500MT; crude oil, crude degummed oil, fully refined oil, edible soy oil products; served by truck and rail. **CONTACT:** N. N. Jain, Mgr. Dir. Lecithin (edible grade); soy concentrates; soy isolates; simulated meat products (analogs); soy flour. **CONTACT:** G. L. Agrawal, Mgr. Dir.

**Rajasthan Vanaspati
Products Ltd. ★ C**

Hamirgarh Road, P.O. Box 1, Bhilwara 311001, Rajasthan, INDIA; PH: 6416; TLX: 302211 (RAJVP).
CONTACT: K.K. Mansingka, Man. Dir.
Solvent extraction; crush cap. 100MT/day; storage cap. 1,000MT; crude soybean oil, meal; served by rail and truck.

Schokhi Industrials Pvt. Ltd. ★ C

Schokhi House, Ground Floor, French Bridge, Opera House JN, Bombay 400007, Maharashtra, INDIA; PH: 91/22/380158 or 368255; TLX: 1174535 (SOKI IN).
CONTACT: Nitin Goel, Dir.
Solvent extraction; animal/livestock feed, meal.

**Shree Mansingka
Oil Mills Ltd. ★ C R**

Mansingka Chambers, 258 Kalbadevi Road,

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Soya Bluebook
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Fax: 207/288-5264

Soybean Processors and Manufacturers of Soy-Based Products

Bombay 400002, Maharashtra, INDIA; PH: 22/316734 or 316640; TLX: 11-4401 (SMOM IN).
Other Offices: Khandwa, M.P.
Solvent extraction; crush cap. 150MT/day; storage cap. 6,000MT; crude soybean oil, served by rail or truck. Refining cap. 50MT/day; storage cap. 600MT; edible soy oil products, refined soybean oil; served by rail or truck.

Soy Food Centre SF

A Unit of Networks Pvt., Ltd.
113/121 Swaroop Nagar, Kanpur 208002, U.P., INDIA; PH: 244311.
CONTACT: R. P. Gupta, Dir.
Soyfoods, BOON soy beverages; BOON frozen desserts; BOON tofu.

The Tata Oil Mills Co. Ltd. SF

Bombay House, Homi Mody Street, Fort, Bombay 400023, INDIA; PH: 022/204-9131; TLX: 4880 (TOMC IN).
Other Offices: Bombay (Sewri Mills, Plant)
CONTACT: G. S. Sabnis, Exec., Protein Foods Div.
PROTIMITÉ Isolated soy protein (85 to 90% purity); soyfoods, INFANT FOOD (Proma) soymilk, drinks or beverages, lactose free.

Tri-Star Soya Products Ltd. C R SF

111-A, Raheja Chambers, 213 Nariman Point, Bombay 400021, INDIA; PH: 2045715 or 2045576; TLX: 11-4953 (MOPL IN).
CONTACT: Mahendra Mansingka, Man. Dir.
Solvent extraction; crush cap. 500MT/day; storage cap. 25,000MT; meal, hulls; served by truck and rail. Refining cap. 50MT/day; storage cap. 1,200MT; crude oil, crude degummed oil, once refined oil, fully refined oil, edible soy oil products; served by truck and rail. Soy oil products, TRI-SOYA cooking oil.

United Soya Products, Ltd. C R SF

Affiliate of United Group Venture, New Delhi E-1/177, Arera Colony, Bhopal 462014, M.P., INDIA; PH: 64735; TLX: 0705-216 (SICO IN).
CONTACT: R. K. Dubish, Food Dev. Officer
Solvent extraction; crush cap. 300MT/day; storage cap. 15,000MT; meal, crude oil; served by truck and rail. Refining cap. 55MT/day; storage cap. 500MT; fully refined oil; served by truck and rail. Textured soy protein (extruded); full fat soy flour (edible grade); soy oil products, TEACHER refined oil (1kg, 2kg, 5kg and 25kg packs).

Vippy Solvex Products Ltd. C R SF IP

28 Industrial Area, A.B. Road, Dewas 455001,

M.P., INDIA; PH: 2581 or 2582; TLX: 0732-201 (VSP IN).

CONTACT: Prakash C. Mutha, Mgr. Dir.
Solvent extraction; crush cap. 100MT/day; meal; white flakes for edible purposes; served by truck and rail. Refining cap. 70MT/day; crude oil, crude degummed oil, fully refined oil; edible soy oil products; served by truck and rail. Soy flour; soy grits. Lecithin (Industrial grade); full fat soy flour/soy protein (Industrial grade); soy oil (Industrial grade).

Vishwa Oil Products, Ltd. C R

258 Kalbadevi Road, Mansingka Chambers, Bombay 400002, Maharashtra, INDIA; PH: 259-575; TLX: 011-6926 (VOPL IN).
CONTACT: S. Sushill K. Mansingka, Man. Dir.
Solvent extraction; crush cap. 300MT/day; storage cap. 5,000MT; meal; served by truck. Refining cap. 50MT/day; storage cap. 350MT; fully refined oil; served by truck.

INDONESIA

P. T. Sallim Graha ★ SF

Jalan Raya Bekasi, Km. 27, Pondok Ungu, P.O. Box 140 Bekasi, Bekasi 17132, West Java, INDONESIA; PH: 62/21-511258 or 971645 or 971933; TLX: 48523 (SGFOOD IA); FAX: 62/21-971929 or 346558.
CONTACT: Ario Mahendra, Mktg. Dir.
Soyfoods, YEO'S soymilk, drinks or beverages.

IRELAND

William Connolly & Sons Ltd. ★ C SF

Red Mills, Goresbridge, County Kilkenny, IRELAND; PH: 353/503-75144; TLX: 6-60645 (WCSL EI); FAX: 353/503-75378.
CONTACT: William V. Connolly, Man. Dir.
Extruders; crush cap. 160MT/day; storage cap. 5,000MT; served by truck. Soy flour, RED MILLS full fat soy flour.

A. W. Ennis Ltd. C SF

Ballyconnell Mills, Ballyconnell, Cavan, IRELAND; PH: 049/26158 or 26104.
CONTACT: Desmond Ennis, Mgr.

★ Updated Listing
Alphabetical By Country

C = Soybean Processor (Crusher)
R = Soybean Oil Refiner

SF = Edible Soy Products/Foods
IP = Industrial Soy Products

Solvent extraction, jet sploder; crush cap. 40MT/day; storage cap. 250MT; animal/livestock feed; served by truck. ERIN full fat soy flour.

North West Silos Ltd. C

37/41 High Street, Belfast BT1 2AB, IRELAND;
PH: 011/44/232-322479; TLX: 74102
(RUSMAC); FAX: 011/44/232-320682.
CONTACT: Denis H. Cooley, Sr. Trading Exec.
Continuous screw press; crush cap. 200MT/day; storage cap. 2,000 MT; animal/livestock feed; served by truck.

ISRAEL

Etz-Hazaylth Ltd. ★ C R SF IP

Subsidiary of Koor Foods Ltd.

1 Shenkar Street, P.O. Box 193, Petah Tikva 49101, ISRAEL; PH: 972/3-925-6256 or 6237 or 6337; TLX: 381125 (ETZHL IL); FAX: 972/3-925-6286.

CONTACT: Shaul Feigenboim, Comm. Mgr.
Continuous screw press, solvent extraction; crush cap. 600MT/day; storage cap. 21,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal; served by truck and rail. Refining cap. 120MT/day; storage cap. 2,750MT; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by truck. Lecithin (edible grade); soy flour; soybean oil products, margarine; shortening; C.D. cooking/salad oil. Lecithin (Industrial grade); soy flour (Industrial grade); soy oil (Industrial grade).

Israel Export & Trust Corp. ★ C

13 Carlebach Street, P.O. Box 20236, Tel Aviv 61200, ISRAEL; PH: 972/3/299102; TLX: 33460 (OILEX).
CONTACT: Abraham Lender, Gen. Dir.
Crude soybean oil, meal.

Izhar Industries (2000) Ltd. C R SF

P.O. Box 823, Tel Aviv 61007, ISRAEL;
PH: 972/8/557677; TLX: 33441 (OCEAN); FAX: 972/8/551145.
CONTACT: Michael Mitelman, Mgr.
Solvent extraction; crush cap. 600MT/day; storage cap. 20,000MT; meal, crude oil, crude degummed oil, white flakes for edible purposes; served by truck. Refining cap. 120MT/day; storage cap. 8,000MT; fully

refined oil, hydrogenated oil, industrial oil products; served by truck. Lecithin (edible grade); soy concentrates; soy oil products, margarine; shortening; cooking/salad oil.

Koor Foods Ltd.

MAIN OFFICE: 2 Tovim Street, P.O. Box 1597, Haifa 31015, ISRAEL; PH: 972/4-67091; TLX: 46776 (K FOOD IL); FAX: 4-664898.
Other Offices: Petah Tikva, ISRAEL
CONTACT: Shaul Feigenboim, Gen. Mgr., Edible Oils

Olivex Ltd. ★ C R SF IP

25 Rothschild Blvd., P.O. Box 1498, Tel Aviv 61014, ISRAEL; PH: 972/3/61-4451; TLX: 341118, ext. 5674 (BXTV IL); FAX: 972/3/61-4455.

Other Offices: Petah Tikva, ISRAEL (plant)
CONTACT: Uriel G. Cegla, Dir.

Continuous screw press, solvent extraction; animal/livestock feed, crude degummed soybean oil; crude soybean oil, hulls, meal; served by truck. Crude degummed soybean oil, edible soy oil products; CHELMONIT lecithin (edible grade) NSPA grades; soybean oil products, GOLD OIL cooking/salad oil. Soybean fatty acids.

Shefa Protein

Industries Ltd. ★ SF IP

Affiliate of Israel Edible Foods Ltd.
Hataasya St. 12, P.O. Box 39, Arad 80700, ISRAEL; PH: 57/953555 or 955286 or 955416 or 957860; TLX: 5206 (SHEFA IL); FAX: 972/57-958049.

CONTACT: Yosi Harel, Export Mgr.
Simulated meat products (analogs), S.V.P. chips in various sizes, used as meat extender or meat substitute. Soy meal for animal/livestock feed.

Shemen Ind. Ltd. ★ C R SF IP

Affiliate of Koor Food Ltd.
P.O. Box 136, Haifa 31000, ISRAEL; PH: 972/3-925-6256 or 6237 or 6337; FAX: 972/3-925-6286.

Solvent extraction; crush cap. 600MT/day; storage cap. 17,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, meal; served by truck and rail. Refining cap. 70MT/day; storage cap. 2,000MT; crude degummed soybean oil, edible soy oil products, industrial oil products, refined soybean oil; served by truck. Lecithin (edible grade); soybean oil products, MEGED cooking/salad oil. Lecithin (Industrial grade); soy oil (Industrial grade) for the paint industry.

Solbar Hatzor Ltd. ★ SF

P.O. Box 2230, Heavy Industrial Area, Ashdod 77121, ISRAEL; PH: 972/08/561414; TLX: 381885 (SOLBAR IL); FAX: 972/08/561455.
CONTACT: Uri Eschel, Man. Dir.
SOLCON (chunks, flakes), SOLPRO, SOL-CAF 70, soy concentrates; SOYBAR soy flour; SOYBAR (chunks, flakes) textured soy flour; SOBIT soy fiber.

Teth Beth Ltd. ★ C SF

3 Galed Street, P.O. Box 147, Petach Tikva 49101, ISRAEL; PH: 972/3/931-3191; TLX: 381287 (TB IL); FAX: 972/3/934-2446.
CONTACT: Ezra Berger, Man. Dir.
Solvent extraction; meal, crude oil, crude degummed oil, hydrogenated oil, edible soy oil products; served by truck. Semi-fluid, unbleached edible lecithin (edible grade); soy oil products, household, industrial and butter-flavored margarine; shortening; cooking/salad oil.

ITALY

Compagnia Continentale Italiana S.p.A. ★ C

Affiliate of Continental Grain Co., USA
 Via Sassoferato, II, Rome 00197, ITALY;
 PH: 39/6/36901; TLX: 610065 (FRIBI I); FAX: 39/6/3690270.
Other Offices: Ancona, Porto Marghera (Plant)
CONTACT: Charles L. Nunu
Solvent extraction; crush cap. 800MT/day; storage cap. 46,000MT; meal, crude oil, crude degummed oil; served by truck and ship.

Industrie Chimiche Italia Centrale S.p.A. (ICIC) C

Affiliate of Compagnia Continentale Italiana
 Molo Sud, Zona Industriale, Ancona 60100, ITALY; PH: 11/39/71-55771; TLX: 560035 (ICIC A).
CONTACT: Charles L. Nunu
Solvent extraction; crush cap. 1000MT/day; storage cap. 55,000MT; meal; served by truck.

Itallana Oili & Risi S.p.A. C R SF

MAIN OFFICE: Via Strada Statale n. 148, Aprilia

04011, Latina, ITALY; PH: 39/06/920-7441; TLX: 680045.

Other Offices: Ravenna; P. To Marghera, ITALY

CONTACT: Sangiorgi Silvano, Dir. Stabilimento
Solvent extraction; crush cap. 1,000MT/day; storage cap. 40,000MT; meal, hulls, crude oil, crude degummed oil; served by truck, barge and ship. Refining cap. 250MT/day; storage cap. 10,000MT; crude degummed oil, fully refined oil; served by truck, barge and ship. Lecithin (edible grade); soy oil products, cooking/salad oil.

Itallana Oili & Risi S.p.A. C R

Via Banchina Molini n. 18, P. To Marghera 30175, Dir., ITALY; PH: 39/041/989966.
CONTACT: Sotir R. Virgilio, Dir. Stabilimento
Solvent extraction; crush cap. 800MT/day; storage cap. 30,000MT; meal, hulls, crude oil, crude degummed oil; served by truck and ship. Refining cap. 150MT/day; storage cap. 4,000MT; crude degummed oil, fully refined oil; served by truck, barge and ship.

Itallana Oili & Risi S.p.A. C R SF

Via Baiona n. 203, Porto Corsini 48100, Ravenna, ITALY; PH: 39/0544/446032; TLX: 550077.
CONTACT: Giuseppe Cellini, Dir. Stabilimento
Solvent extraction; crush cap. 1,500MT/day; storage cap. 120,000MT; meal, crude oil, crude degummed oil; served by truck, barge and ship. Refining cap. 300MT/day; storage cap. 16,000MT; crude degummed oil, once refined oil; served by truck, barge and ship. Soy oil products, cooking/salad oil.

Lucas Meyer S.R.L. ★ C R SF IP

Affiliate of Lucas Meyer GmbH & Co., Hamburg
 Via Venezia, 34, Vigonza 35010, ITALY;
 PH: 0039/49/893-0011; TLX: 431875— (MEYER I); 0039/49/644978.
Other Offices: Decatur, IL; Chester, ENGLAND; Oudenaarde, BELGIUM; Hamburg, S'Gravenhage, NETHERLANDS; FEDERAL REPUBLIC OF GERMANY; Le Blanc Mesnil, Cedex, FRANCE; Barcelona, SPAIN; Campinas, BRAZIL.
CONTACT: Axel Skulte, Man. Dir.
Animal/livestock feed. Edible soy oil products; industrial soy oil products. TOPCITHIN, M-C-THIN, EMULFLUID, METARIN EMULPURE, EMULGUM, LECIMULTHIN, EMULTHIN, EPICOLIN, and EPIKURON lecithins (edible grade); SOYAMIN 70 soy

— Please Check Your Listing For Accuracy —

concentrates; SOYAMIN 90 isolated soy protein; VEGAFOOM whipping soya protein; EXTRATEIN textured soy protein; SOYAMIN 50 soy flour; SOYAPAN and NURUPAN full fat soy flours; NURULAT full fat soya powder; NURAFLAKES full fat soya flakes; SOYOCO full fat soya kernels; SOVITAL soya bran; NURUGRAN full fat soya grits. LIPOTIN and LIPOWET lecithin (industrial grade) for paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids.

STAR Stabilmmento

Allimentare S.p.A. ★ R SF

Via Matteotti, 142, 20041 Agrate Brianza, Milano, ITALY; PH: 39/655-0451; TLX: 330133.

CONTACT: Uccelli Giacomo, Fat/Oil Technologist

Refining cap. 20,000MT/year; storage cap. 3,000MT; fully refined oil, hydrogenated oil; edible soy oil products; served by truck. Soy oil products, margarine; shortening; cooking salad oil.

JAMAICA

Country Farmhouse

Soya Products ★ SF

Affiliate of The Country Farmhouse Lifeline 12 Faulkner Avenue, Duhaney Park, Kingston 20, JAMAICA; FAX: 809/921-5329.

CONTACT: Marlon B. D'Aguilar, Man. Dir. Soybean oil products, SALADS DELIGHT salad dressing; soyfoods, soymilk, drinks or beverages; frozen desserts; tofu & tofu products; other soy-based foods, tofu sandwich spread; tofu cream pies.

Jamaica Soya Products

Industries Limited ★ C R

Rhoden's Pen, P.O. Box 27, Old Harbour, St. Catherine, JAMAICA; PH: 983-2244; TLX: 2318 (JANUHOLD); FAX: 809/983-2217.

CONTACT: George A. Neita, Gen. Mgr. Solvent extraction; crush cap. 300MT/day; storage cap. 10,000MT; crude soybean oil,

meal; served by truck. Refining cap. 50MT/day; storage cap. 650MT; once refined soybean oil; served by truck.

JAPAN

Asahi Industries Company, Ltd. SF

1-1, 3-Chome, Higashi-Ikebukuro, Toshima-ku, Tokyo 170, JAPAN; PH: 03/989-8921; TLX: 2722662 (SEIBU K J); FAX: 03/987-2170.

CONTACT: Hiroshi Nakai, Asst. Gen. Mgr. Simulated meat products (analogs); soyfoods, soymilk, drinks, or beverages; tofu & tofu products.

Asia Protein Company, Ltd. ★ SF

Miyamori Palace #118-11-18, Miyamori Chuoku, Sapporo Hokkaido, JAPAN; FAX: 81/011/644-1759.

Other Offices: Hiroo, Hokkaido, JAPAN (Mfg.) CONTACT: Shigeru-Chikarashi, Pres. DAIZU FLAKE #1 full fat soy flakes for use as a substitute for whole soybeans in soymilk and tofu (ddep fried tofu, ajitsuke aburaage).

Fuji Oil Co., Ltd. ★

MAIN OFFICE: Nissei Midotsuji Hachiman-cho Bldg., 2-1-5 Nishi-Shinbashi, Chuo-ku, Osaka 542, JAPAN; PH: 81/06/213-8151; TLX: 522-2057 (FUJIOSJ).

Other Offices: Izumisano City, Kobe (Plants) CONTACT: Yukio Miyazawa Sr. Man. Dir.

Fuji Oil Co., Ltd.,

Han-nan Factory ★ R SF

1-Sumiyoshicho, Izumisano City 598, JAPAN; PH: 81/0724/631121.

CONTACT: Tadashi Kuno, Sr. Man. Dir. Refining cap. 430MT/day; storage cap. 20,000MT; fully refined oil, edible soy oil products, industrial oil products; served by truck and barge. Isolated soy proteins; simulated meat products (analogs); soy flour; soy oil products, margarine; shortening; cooking/salad oil. CONTACT: Fuji Oil, Osaka.

Fuji Oil Co., Ltd.,

Kobe Factory ★ C SF

18-24, 2-chome, Hamanakacho Hyogo-ku, Kobe 652, JAPAN; PH: 81/078/652-3215.

CONTACT: Kiyomi Taniguchi, Man. Dir. Solvent extraction; crush cap. 300MT/day; storage cap. 4,000MT; meal, animal/livestock feed, crude oil, white flakes for edible

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 For A Complete
 Definition Of Terms

purposes; served by truck and barge. Simulated meat products (analogs); soy flour; soyfoods, tofu. **CONTACT:** Fuji Oil, Osaka.

Higashimaru Shoyu Co., Ltd. ★ SF
100-3, Tominaga, Tatsuno-cho, Tatsuno City
679-41, JAPAN; PH: 81/07916/3/4567.
CONTACT: Takeshi Ishino, Dpty. Dir.,
Bus. Dept
Soyfoods, HIGASHIMARU soy sauce.

Higeta Shoyu Co., Ltd. ★ SF
2-3, Koamicho, Nihonbashi, Chuo-ku, Tokyo
103, JAPAN; PH: 81/03/669-1441.
CONTACT: Keigi Yamashita, Dir., Mkt. Dev.
Soyfoods, HIGETA soy sauce.

Honen Corporation ★ C R SF
Mitusi Seimei Building 2-3, 1-Chome
Ohtemachi, Chiyoda-ku, Tokyo 100, JAPAN;
PH: 81/3/213-1868; TLX: 222-3084 (HOHEN J);
FAX: 81/3/212-5090.
CONTACT: Yoichi Nakajima
Solvent extraction; crush cap. 2,000MT/day;
storage cap. 100,000MT; animal/livestock
feed, crude degummed soybean oil, crude
soybean oil, meal; served by barge, ship,
truck. Refining cap. 400MT/day; storage cap.
100,000MT; crude degummed soybean oil,
edible soy oil products, refined soybean oil;
served by barge and truck. Lecithin (edible
grade); full fat soy flour; soybean oil prod-
ucts, cooking/salad oil.

Kibun Food Chemifa Co., Ltd. ★ SF
3-2-5 Shinbashi, Minato-ku, Tokyo 105, JAPAN;
PH: 81/03/591-4381; TLX: 2223183 (KIBUNF J).
CONTACT: Kazuo Nakanishi, Dpty. Mgr.
Soyfoods, KIBUN soy milk; frozen desserts.
CONTACT: S. Hoashi.

Kikkoman Corporation ★ SF
1-25, Nishikicho, Kanda, Chiyoda-ku, Tokyo
101, JAPAN; PH: 81/03/233-5511.
CONTACT: Harehisa Yamano, Dir.,
Public Relations
Soyfoods, KIKKOMAN soy sauce.

Marukin Shoyu Co., Ltd. ★ SF
1-2-5, Shinkawa, Chuo-ku, Tokyo 104, JAPAN;
PH: 81/03/551-9101.
CONTACT: Sadaaki Goto
Soyfoods, MARUKIN soy sauce.

Marusan-Ai Co., Ltd. ★ SF
1 Arashita Niki-cho, P.O. Box 444-21, Okazaki,
Aichi, JAPAN; PH: 81/0564/45-3111 or 45-6607.
CONTACT: Mitsuhiro Isomura
Soyfoods, MARUSAN TONYU ice cream
(made from soymilk); TAMARI soy sauce;
SUKOYAKA tempeh; MARUSAN tofu;
NEMBE whole soybean snacks (soynuts);
MARUSAN miso.

Mitoku Company Ltd. ★ SF
Room 257, Tokyo Bldg., 2-7-3 Marunouchi,
Chiyoda ku, C.P.O. Box 780, Tokyo 100-91,
JAPAN; PH: 81/3/201-6701; TLX: 34698
(DAISHO J); FAX: 81/3/201-6708.
CONTACT: Christopher Dawson, Int'l.
Sales Mgr.
Soyfoods, SUPERSOY soymilk., drinks or
beverages; JOHSEN, MANSAN, SAKAE soy
sauce; SNOW-DRIED TOFU, tofu & tofu prod-
ucts; MITOKU, ONOZAKI, JOHSEN,
MANSAN, HATCHO miso.

Mitsubishi Chemical
Industries, Ltd. ★ SF
5-2, Marunouchi, 2-Chome, Chiyoda-ku,
Tokyo 100, JAPAN; PH: 81/03/283-6438;
FAX: 81/03/283-6439.
Other Offices: Kurashiki-shi (Plant)
CONTACT: Nobuhiko Sano, Gen. Mgr.,
Purchasing Dept.
Soyfoods, MAPRON soymilk.

Nikka Fats & Oils Company, Ltd. ★
MAIN OFFICE: Meiji Life Insurance Bldg.,
1-5-16 Edobori, Nishi-ku, Osaka 550, JAPAN;
PH: 81/06/441-7431.
Other Offices: Fukuoka, Nagoya, Osaka,
Tokyo (Plant)
CONTACT: S. Shirakawa, Plant Mgr.

Nikka Fats & Oils
Company, Ltd. ★ C R SF IP
1-8-1, Kitahama, Nakamatsu-ku, Kitakyushu
808, Fukuoka, JAPAN; PH: 81/093/761-2635.
CONTACT: Takeshi Hanarewa, Plant Mgr.
Continuous screw press, solvent extraction;
storage cap. 15,000MT/day; meal, hulls;
served by truck, barge and ship. Refining
cap. 400MT/day; storage cap. 7,000MT; crude
oil, crude degummed oil, once refined oil,
fully refined oil; served by truck, barge and
ship. NIKKA ISOPRON soy concentrates;
NIKKA MILKY soy flour, S-LIPO full fat soy
flour; soy oil products, NIKKA cooking/salad
oil. BANZAI, TOKSEN-KAIKAMAME soy flour
(Industrial grade) for feed; soy oil (Industrial

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grade) for paints and inks; soybean fatty acids.

**The Nisshin Oil Mills, Ltd.
 (Japan) ★ C R SF IP**

23-1, Shinkawa 1-Chome, Chuo-ku, Tokyo 104, JAPAN; PH: 03/555-6605.

Other Offices: Yokohama, Kobe (Plants)
CONTACT: Takahisa Toyama, Board Dir.
Solvent extraction; crush cap. 3,300MT/day; storage cap. 115,000MT; animal/livestock feed, crude soybean oil, meal, hulls, white flakes for edible purposes; served by truck, rail, barge and ship. Edible soy oil products, fractionated soy oil, hydrogenated soy oil, industrial oil products, refined soybean oil; served by truck, rail, barge and ship. NISSHIN lecithin (edible grade); NISSHIN SOL-P soy concentrates; isolates; simulated meat products (analogs); soy flour; full fat soy flour; textured soy flour; soy grits; soybean oil products, cooking/salad oil; margarine; shortening; soyfoods, soymilk, drinks or beverages. Lecithin (Industrial grade); soy flour/soy protein (Industrial grade); soy oil (Industrial grade) for paints and inks; soy sterols and tocopherols; soybean fatty acids.

San-Jirushi Corporation ★ SF

UN Park Building, Ebisu-Nishi 1-19-6, Shibuya-ku 150, Tokyo, JAPAN; PH: 03/780-5933; TLX: 246-6344; FAX: 03/780-5944.

Other Offices: Mie, Kuwana, JAPAN; San Francisco, CA; Richmond, VA (San-J International, Inc.)

CONTACT: Daikichi Kojima
Soyfoods, soy sauce (Tamar & Shoyu, liquid & dry); miso; other soy-based foods, specialty sauces.

Showa Sangyo Co. Ltd. ★

MAIN OFFICE: 2-1, 2-Chome, Uchikanda, Chiyoda-ku, Tokyo 101, JAPAN; PH: 81/03/257-2136.

Other Offices: Kashima, Kobe, Yokohama
CONTACT: Mutsuo Kaneharai, Mgr., Oil & Fat Dept.

Showa Sangyo Co., Ltd.,

Kashima Factory ★ C R SF IP

6 Higashi-fukashiba Kamisumachi, Kashima-gun 314-01, Ibaragi, JAPAN; PH: 81/0299/92-1212; TLX: 3658-967.

CONTACT: Yoichi Shiroye, Factory Mgr.
Solvent extraction; crush cap. 1,570MT/day; storage cap. 101,900MT; meal, animal/livestock feed, crude degummed oil, white flakes for edible purposes; served by truck, rail,

barge and ship. Fully refined oil, edible soy oil products, industrial oil products; served by truck, rail and barge. Lecithin (edible grade); soy flour; soy oil products, cooking/salad oil. Soy flour/soy protein (Industrial grade).

**Showa Sangyo Co., Ltd.,
 Kobe Factory ★ C R SF IP**

5 Mikagehama-cho, Higashinada-ku, Kobe 658, Hyogo, JAPAN; PH: 078/841-4151; TLX: 5622-253.

CONTACT: Kunio Saito, Mgr.
Solvent extraction; crush cap. 1,100MT/day; storage cap. 135,000MT; meal, animal/livestock feed, crude degummed oil, white flakes for edible purposes; served by truck, rail, barge and ship. Fully refined oil, edible soy oil products, industrial oil products; served by truck, rail, barge and ship. Soy flour; soy oil products, cooking/salad oil. Soy flour/soy protein (Industrial grade).

**Showa Sangyo Co., Ltd.,
 Tsurumi Factory ★ R SF IP**

5-39 Daikokuchou, Tsurumi-ku, Yokohama 230, Kanagawa, JAPAN; PH: 81/45/504-5570; FAX: 81/511-1370.

CONTACT: Takeshi Kanazawa, Mgr.
Fully refined oil, edible soy oil products, industrial oil products; served by truck, rail and barge. Soy flour; soy oil products, cooking/salad oil. Soy flour/soy protein (Industrial grade).

**Snow Brand Milk Products
 Company, Ltd. ★ SF**

13 Honshio-cho, Shinjuku-ku, Tokyo 160, JAPAN; PH: 81/03/226-2123.

Other Offices: Atugi, Osaka (Plants)
CONTACT: Tsuguo Itoh, Mgr., Int'l. Dept.
Soybean oil products, SNOW BRAND margarine; SNOW BRAND shortening.

Torigoe Flour Milling Co., Ltd. SF

6-5-2, Hakozaikufuto, Higashi-ku, Fukuoka 812, JAPAN; PH: 81/092/651-3121.

CONTACT: Kasuhiro Takamine
Soyfoods, TORIGOE GOLD tempeh.

Toyo Oil Mills Co., Inc. ★ C R SF IP

Subsidiary of Ajinomoto Co. Inc., Tokyo 230-ban, Shinminato, Chiba-shi 260, JAPAN; PH: 81/0472/411251.

CONTACT: Shinichi Takayama, Man. Dir.
Solvent extraction; crush cap. 3,000MT/day; storage cap. 83,000MT; meal, hulls, white flakes for edible purposes; served by truck,

barge and ship. Refining cap. 720MT/day; storage cap. 10,000MT; crude degummed oil, once refined oil, edible soy oil products; served by truck, barge and ship. Lecithin (edible grade). CONTACT: Tasuku Oshima, Supt. Soybean fatty acids. CONTACT: Dieter Berres.

Yamasa Shoyu Co., Ltd. ★ SF
1-23-8, Kakigaracho, Nihonbashi, Chuo-ku, Tokyo 103, JAPAN; PH: 81/03/668-3171.
CONTACT: Junpei Taguchi, Man. Dir.
Soy oil products, edible.

Yoshihara Oil Mill, Ltd. ★ SF
MAIN OFFICE: Mitsuwa Ogawamachi Bldg. 3-7-1, Kanda Ogawamachi, Chiyoda-Ku, Tokyo, JAPAN; PH: 81/03/291-2632; TLX: 222-2301; FAX: 03/291-2640.
Other Offices: Kobe, Hyogo (mfg.)
CONTACT: Yasuo Kitamura, Gen. Mgr., Oilseeds Dept.
Soybean oil products, cooking/salad oil.

Yoshihara Oil Mill, Ltd. ★ C R SF
49 Fukaehamamachi, Higashinada-Ku, Kobe, Hyogo, JAPAN; PH: 81/078/451-4001; FAX: 078/452-3309.
CONTACT: Yasuo Kitamura, Gen. Mgr., Oilseeds Dept.
Solvent extraction; crush cap. 1,500MT/day; storage cap. 40,000MT; crude degummed soybean oil, crude soybean oil, meal, white flakes for edible purposes; served by truck, barge and ship. Refining cap. 300MT/day; crude degummed soybean oil, edible soy oil products, refined soybean oil; served by truck and ship. Soybean oil products, GOLDEN SALAD OIL cooking/salad oil.

KOREA, REPUBLIC OF (SOUTH KOREA)

Chell Sugar & Company, Ltd. C R SF IP
Inchon Plant, 64, 3-KA, Shin Hung-Dong,

Chung-ku, Inchon, SOUTH KOREA;
PH: 032/883-2601.

CONTACT: K. W. Ahn
Solvent extraction; crush cap. 1,200MT/day; storage cap. 20,000MT; meal, hulls, animal/livestock feed, crude oil, crude degummed oil, white flakes for edible purposes; served by truck and ship. Refining cap. 250MT/day; storage cap. 6,500MT; once refined oil, fully refined oil; served by truck and ship. Lecithin; soy flour; soy grits; soy oil products, cooking/salad oil. Lecithin (industrial grade); soybean fatty acids.

Dong Bang Corporation ★ C R SF IP
MAIN OFFICE: 2, 4-Ka, Yangpyung-dong, Youngdeungpo-Ku, C.P.O. 3031, Seoul 150-104, SOUTH KOREA; PH: 822/676-9121; TLX: K27334 (DBCORP); FAX: 822/675-4961 or 7339.

Other Offices: Inchon; Chinhae; Pusan
CONTACT: Jang Hong Yoo, Dir.
Solvent extraction; crush cap. 2,225MT/day; storage cap. 64,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, meal, white flakes for edible purposes; served by ship and truck. Refining cap. 500MT/day; storage cap. 12,680MT; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, refined soybean oil; served by truck. Simulated meat products (analogs); HAEPYO soy flour; HAEPYO textured soybean protein; soybean oil products, HAEPYO cooking/salad oil; HAEPYO salad dressing. Lecithin (industrial grade) for animal feed; HAEPYO soy flour/soy protein (industrial grade) for textured soy protein; soybean fatty acids.

Dong Bang Corporation C R SF IP
468 Yi-dong, Chinhae 645-290, SOUTH KOREA; PH: 0553/2-2161; FAX: 42/3084.
CONTACT: Jang Hong Yoo
Solvent extraction; crush cap. 1,225MT/day; storage cap. 46,000MT; meal, animal/livestock feed, crude oil, crude degummed oil, white flakes for edible purposes; served by truck and ship. Refining cap. 300MT/day; storage cap. 7,600MT; fully refined oil;

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★ Updated Listing
Alphabetical By Country

C=Soybean Processor (Crusher)
R=Soybean Oil Refiner

SF=Edible Soy Products/Foods
IP=Industrial Soy Products

served by truck. Textured soy protein;
HAEPYO soy flour; soybean oil products,
HAEPYO cooking/salad oil. HAEPYO soy
flour/soy protein (Industrial grade) for
textured soy protein; soybean fatty acids.

Dong Bang Corporation C R SF IP

178-116, Gajwa-dong Seo-ku, Incheon 403-
251, SOUTH KOREA; PH: 032/862-4581;
FAX: 032/864-2263.

CONTACT: Jang Hong Yoo, Dir.

Solvent extraction; crush cap. 1,000MT/day;
storage cap. 24,000MT; meal, animal/livestock feed, crude oil, crude degummed oil, white flakes for edible purposes; served by truck and ship. Refining cap. 200MT/day; storage cap. 4,000MT; fully refined oil; served by truck. Textured soy protein; HAEPYO soy flour; soybean oil products, HAEPYO cooking/salad oil. HAEPYO soy flour/soy protein (Industrial grade) for textured soy protein; soybean fatty acids.

Dr. Chung's Foods Company, Ltd. SF

Kinam Building, 10th Floor, San 75-31, Yeoksam-dong Kangnam-ku, Seoul 135, SOUTH KOREA; PH: 82/02/55-30821; TLX: 0801-29560 (VEGEMIL K).

Other Offices: Yongin-Gun, Kyunggi-Do, KOREA

CONTACT: C. Hwang, Mgr., Overseas Bus. Dept.

Soyfoods, VEGEMIL A, B and C, APPLE WOOREAN and CHOCO WOOREAN soy beverages.

Sam Lip Oil & Fats Co., Ltd. ★ SF

159-25 Usanri Yang San Eub, Yang San-Gun, Kyong Sang Nam-do 60010, SOUTH KOREA; PH: 82/051/44954 or 462-2177; TLX: 787-22153 (ANGELLA K).

CONTACT: Kim Jin Yong, Dir.

Soybean oil products, DIET-33 low calorie margarine, DUNKIN'S FRYING shortening.

Sam Yang Foods Co., Ltd. C R

51-1 Susong-dong, Jongro-ku, Seoul 110, SOUTH KOREA; PH: 02/725-89818
TLX: K23275 or 26138 (SAMYANG); FAX: 02/733-6180.

Other Offices: Seoul; Incheon (Plants)

CONTACT: Byung W. Lee, Pres.

Solvent extraction; crush cap. 700MT/day; storage cap. 15,000MT; meal, crude degummed oil; served by truck. Refining cap. 120MT/day; storage cap. 1,000MT; fully refined oil; served by truck. CONTACT: Dong-Hyung Lee.

KUWAIT

Kuwait Flour Mills Co., SAK C R SF

Jamal Abdunnasser Street, P.O. Box 681, Safat 13007, KUWAIT; PH: 841866; TLX: 22209 (MATAHEN KT).

CONTACT: Aslam Shah Abbassi, Oil Plant Mgr.

Solvent extraction; crush cap. 75MT/day; storage cap. 15,000MT; meal; served by truck and ship. Refining cap. 50MT/day; storage cap. 10,000MT; crude oil, crude degummed oil, once refined oil, fully refined oil, hydrogenated oil, edible soy oil products; served by truck and ship. Soybean oil products, DALAL vegetable ghee/shortening and cooking oil.

MALAYSIA

Dindings Soya & Multifeeds Sdn. Berhad C IP

Wisma MCA, 10th Floor, 163 Jalan Ampang, P.O. Box 10537, Kuala Lumpur 50450, MALAYSIA; PH: 60/03/2619055; TLX: MA 30378 (FLOUR); FAX: 60/03/2610502.

CONTACT: Teh L. Teik, Chman.

Full fat extrusion; crush cap. 35MT/day; storage cap. 10,000MT; animal/livestock feed; served by truck, rail and ship. Full fat soy flour/soy protein (Industrial grade) for animal feeds. CONTACT: Teh W. Kiang.

Soon Soon Oilmills

SDN BHD ★ C R IP

Affiliate of Soon Soon SDN BHD
2448 Lorong Perusahaan Dua, Prai Industrial Estate, P.O. Box 300, Butterworth 12720, Penang, MALAYSIA; PH: 60/4/307277; TLX: (MA) 47274 (SSOON); FAX: 60/4/308197.

CONTACT: Soon-Bin Neoh, Man. Dir.

Solvent extraction; crush cap. 700MT/day; storage cap. 27,000MT; crude degummed soybean oil, meal; served by ship and truck. CONTACT: Hooi-Hon Lim Refining cap. 120MT; storage cap. 5,500MT; industrial oil products, refined soybean oil; served by truck and ship. Soy oil (Industrial grade); soybean fatty acids.

Yeo Hlap Seng (M) BHD SF

7 Jalan Tandang, Petaling Jaya, Selangor, MALAYSIA; PH: 60/03/573733; TLX: 375444 (YHS MA).

Other Offices: Petaling Jaya, Selangor, MALAYSIA
CONTACT: C. T. C. Yeow, Tech. Dev. Mgr.
Soyfoods, YEO's soy beverage; YEO's soy sauce. CONTACT: Joseph Yeo.

MALTA

The Edible Oil Refining Company Ltd. R SF IP
 P.O. Box 539, Valletta, MALTA; PH: 356/227813 or 232111-6; TLX: 1420 (OILREF).
CONTACT: Benny Grech, Comm. Mgr.
Refining cap. 50MT/day; storage cap. 1,500MT; edible soy oil products, industrial oil products, refined soybean oil; served by ship. Soybean oil products, margarine, cooking & table varieties; shortening, confectionery items; cooking/salad oil; salad dressing. Soy oil (Industrial grade); soybean fatty acids.

MEXICO

Aceltera Matamoros, S.A. de C.V. C R SF
 Affiliate of La Polar, S.A. de C.V.
 Av. Uniones S/N, Ant. Zona Industrial, P.O. Box 476, Matamoros 87310, Tamaulipas, MEXICO; PH: 52/891/38942 or 891/38943; TLX: 35016 (AMATME).
CONTACT: Pablo Peñaloza, Mgr.
Continuous screw press, solvent extraction; crush cap. 300MT/day; storage cap. 21,000MT; crude degummed soybean oil, meal; served by rail and truck. Storage cap. 6,600MT; crude degummed soybean oil, edible soybean oil. Lecithin (edible grade) for bakery products and ice cream.

Aceltera Tapatia S.A. de C.V. C
 Cerezo 1221, Colonia del Fresno, Guadalajara 44900, Jalisco, MEXICO; PH: 36/12-17-68 or 12-17-69 or 12-19-14 or 10-60-04; FAX: 36/11-60-87.
CONTACT: Tomas Limon, Pres.
Continuous screw press, solvent extraction; crush cap. 200MT/day; storage cap. 20,000MT; crude soybean oil, hulls, meal; served by rail, truck.

Aceltes del Mayo S.A. de C.V. C
 Carretera Mexico-Nogales, Km. 1778, Apartado Postal 639, Navjoa 85800, Sonora, MEXICO; PH: 642-23434 or 642-23663 or 642-23434; TLX: 055626 (ACESME); FAX: 642-27985.
CONTACT: Enrique Gamiz, Gen. Mgr.
Solvent extraction; crush cap. 550MT/day; storage cap. 45,000MT; meal, crude oil; served by truck and rail. CONTACT: Enrique Gamiz, Gen. Mgr.

Aceltes Industriales

El Zapote C R SF
 Presidente Juarez 201, Mexico City 54090, D.F., MEXICO; PH: 398/9900-011525; TLX: 172613 (ELZAME); FAX: 011/525-398-9329.
Other Offices: Houston, TX
CONTACT: Eugenio Gomez
Solvent extraction; crush cap. 250MT/day; crude oil; served by truck. Refining cap. 450MT; crude degummed oil, once refined oil, hydrogenated oil, edible soy oil products; served by truck. Soy oil products, shortening, cooking/salad oil, salad dressing.

Aceltes Vegetales Finos

S.A. de C.V. R
 Affiliate of Grupo Ragasa
 Nueva Carretera Al Salto, Km. 9, P.O. Box 1-3252, Guadalajara 44100, Jalisco, MEXICO; PH: 01152/36/393104; TLX: 682067 (AVEF ME).
CONTACT: Jose R. Lopez, Plant Mgr.
Refining cap. 100MT/day; storage cap. 65,000MT; fully refined oil; served by truck. CONTACT: Enrique R. Garcia.

Aceltes y Derivados del

Pacifico S.A. ★ C IP
 Affiliate of Grupo Ragasa
 Carretera Hermosillo, Nogales No. 2125, P.O. Box 312, Hermosillo 83000, Sonora, MEXICO; PH: 01152/621/42215; TLX: 058854 (AYDP ME).
CONTACT: Jose L. Aguilar, Gen. Mgr.
Solvent extraction; crush cap. 250MT/day; storage cap. 30,000MT; crude oil; served by truck and rail. Soy flour/soy protein (Industrial grade); soy oil (Industrial grade).

Avicultores y Productores

El Calvario S.A. de C.V. (APECSA) C R
 Carretera Tehuacan-Teotitlan, Km. 8 1/2, Apartado Postal 88, Tehuacan, Puebla 75700, MEXICO; PH: 238/30200; TLX: 1762057 (APEC ME).

Other Offices: Mexico City

CONTACT: Arturo G. Rodriguez, Gen. Mgr.
Solvent extraction; crush cap. 600MT/day;
meal; served by truck. Refining cap. 110MT/
day; crude oil, crude degummed oil, fully
refined oil; served by truck.

**Derivados de Oleaginosas
 del Valle S.A. de C.V. R SF**

Affiliate of Molinos Union del Yazui S.A. de C.V.
 Av. Miguel Aleman #703, Sur Altos, P.O. Box
 356, Ciudad Obregon 85000, Sonora, MEXICO;
 PH: 641/4-65-67 or 4-67-65; FAX: 641/4-60-50.
CONTACT: Alberto Matiella, Gen. Mgr.
Refining cap. 70MT/day; storage cap.
1,500MT; crude degummed soybean oil, ed-
ible soy oil products; served by rail, truck.
DOVSA lecithin (edible grade); soybean oil
products, cooking/salad oil.

**Fabrica de Jabon La
 Corona, S.A. de C.V. C**

Circuito interior y Boulevard Las Torres, Apar-
 tado 890, Ciudad Obregon 85000, Sonora,
 MEXICO; PH: 641/346-90; TLX: 552839
 (LOMOBR); FAX: 641/502-97.
CONTACT: Antonio M. Gonzalez, Pres.
Solvent extraction; crush cap. 500MT/day;
storage cap. 65,000MT; crude soybean oil,
hulls, meal; served by rail and truck.

**Raul Garcia y Cia, S.A. de C.V.
 (Ragasa Group) ★ C IP**

Av. Pres. Ruiz Cortines, No. 257 Pte., P.O. Box
 45, Monterrey 64290, Nuevo Leon, MEXICO;
 PH: 91/83/515700; FAX: 01152/83-515342.
CONTACT: Enrique R. Garcia Fernandez, Pres.
Solvent extraction; crush cap. 750MT/day;
storage cap. 50,000MT; animal/livestock
feed, crude soybean oil, hulls, meal; served
by rail and truck. CONTACT: J.G. Perez. Full
fat soy flour/soy protein (Industrial grade) for
poultry and hog feed.

Industrial Aceltera S.A. ★ C R SF

Km. 20.5, Carretera Cuautitlan, Apartado
 182, Tlalnepantla 54000, MEXICO; PH:
 52/905/572-0799; TLX: 172656 (IASAME);
 FAX: 52/905/562-8127.
CONTACT: Hector Garcia Padilla,
 Operation Mgr.
Solvent extraction; crush cap. 350MT/day;
storage cap. 60,000MT; crude degummed
soybean oil, hulls, meal; served by rail and
truck. Refining cap. 600MT/day; storage cap.
17,000MT; edible soy oil products; served by
rail and truck. Soybean oil products, NINA
cooking/salad oil.

Industrial de Alimentos

S.A. ★ C SF IP

Poniente 146 No. 789, Col. Industrial
 Vallejo, Mexico 02300, D.F., MEXICO;
 PH: 905/567-4022.

CONTACT: Jose Galasso, Gen. Mgr.
Solvent extraction; crush cap. 15MT/day;
storage cap. 300MT; crude oil, white flakes
for edible purposes; served by truck. Simu-
lated meat products (analogs); soy flour, tex-
tured soy flour and full fat soy flour; soy
grits; soyfoods, soy beverages. CONTACT:
Antonio Mouret, Sales Mgr. Full fat soy flour/
soy protein (Industrial grade) for fermenta-
tions; soy oil (Industrial grade) for paints.

**Industrias Conasupo S.A.
 de C.V. (ICONSA) SF**

MAIN OFFICE: Valencia No. 36, Esquina Con
 Cadiz, Colonia, Insurgentes Mixcoac, Mexico
 City 03920, D.F., MEXICO; PH: 91/1/563-3571;
 TLX: 1777536 (ICON ME).

Other Offices: Nuevo Laredo, Tamaulipas,
 MEXICO; Mexicali, Baja California, MEXICO;
 Matamoros, Tamaulipas, MEXICO; Gomez
 Palacio, Durango, MEXICO
CONTACT: Nicolas Badin
Soy oil products, cooking/salad oil.

**Industrias Conasupo S.A.
 de C.V. (ICONSA) C**

Boulevard Presidente Aleman, Km. 11.40,
 Gomez Palacio, Durango, MEXICO; PH:
 91/1712-3547 or 1716-4075; TLX: 32826
 (ICPGME); FAX: 91/1716-2771.
CONTACT: Juan F. Mora Anaya, Comm. Dir.
Solvent extraction; crush cap. 600MT/day;
storage cap. 74.6MT; animal/livestock feed,
crude oil; served by truck and rail.

**Industrias Conasupo S.A.
 de C.V. (ICONSA) C**

Km. 1 Carretera Monterrey, Antigua Sendero
 Nacional, Matamoros, Tamaulipas, MEXICO;
 PH: 91/891-39991 or 891-33694.
CONTACT: Juan F. Mora Anaya, Comm. Mgr.
Solvent extraction; crush cap. 1,000MT/day;
storage cap. 48MT; animal/livestock feed,
crude oil; served by truck and rail.

**Industrias Conasupo S.A.
 de C.V. (ICONSA) R SF IP**

Gonzalez No. 4320, Esquina Heores, Nuevo
 Laredo, Tamaulipas, MEXICO; PH:
 91/871-20860 or 871-23100;
 FAX: 91/871-27769.
CONTACT: Juan F. Mora Anaya, Comm. Mgr.
Refining cap. 150MT/day; storage cap 6.2MT;

fully refined oil, edible soy oil products; served by truck and rail. Soy oil products, PREMIER SARITA shortening; LUCERO cooking/salad oil. Fully refined soy oil for the bakery industry.

**Industrias Conasupo S.A.
de C.V. (ICONSA) C**

Carr. Internacional, Km. 1846, Zona Ind. 2, Apdo. Postal 532, Obregon 85000, Sonora, MEXICO; PH: 91-641-33588; TLX: 552822 (ICOB ME).

CONTACT: Francisco Martinez
Solvent extraction; crush cap. 600MT/day; storage cap. 48,000MT; meal, animal/livestock feed, crude oil, crude degummed oil; served by rail.

**Industrias Conasupo S.A.
de C.V. (ICONSA) C R SF IP**

Autopista Mexico Queretaro, Km. 33.5, Tultitlan, MEXICO; PH: 91/5/872-1873 or 872-3433 or 872-3579; TLX: 171307 (ICONME); FAX: 872-3982.

CONTACT: Juan F. Mora Anaya, Comm. Mgr.
Solvent extraction; crush cap. 1,000MT/day; storage cap. 104.5MT; animal/livestock feed, crude oil; served by truck and rail. Refining cap. 300MT/day; storage cap. 104.5MT; edible soy oil products, fully refined oil, industrial oil products; served by truck and rail. Soy oil products, PREMIER Y SARITA LUCERO shortening. Soy oil (Industrial grade) for the baking industry.

**Molinos Union del Yaqui
S.A. de C.V. ★ C**

Av. Miguel Aleman No. 701 South, Apartado Postal 327, Ciudad Obregon 85000, Sonora, MEXICO; PH: 641/52270; TLX: 552813 (MUYME); FAX: 641/46050.

CONTACT: Ramon Rivera Felix, Gen. Mgr.
Solvent extraction, continuous screw press; crush cap. 500MT/day; storage cap. 150,000MT; meal, hulls, crude soybean oil, crude degummed soybean oil; served by truck and rail.

**Negociacion Industrial
Santa Lucia S.A. ★ C R SF**

Av. Heroes de Nocupetaro No. 1022, P.O. Box 77, Morelia 58130, Michoacan, MEXICO; PH: 451/20175; TLX: 69644 (NISL ME).

CONTACT: Fernando Trevino, Tech. Mgr.
Solvent extraction, continuous screw press; crush cap. 110MT/day; storage cap. 7,500MT; meal; served by truck and rail. Refining cap. 65MT/day; storage cap. 1,400MT; crude oil,

fully refined oil, hydrogenated oil, edible soy oil products; served by truck and rail. Soybean oil products, SANTA LUCIA, DALIA, CAMPANA shortening. **CONTACT:** Ramon Flores.

**Oleoproteinas del Sureste
S.A. de C.V. ★ C R SF**

Ave. Cabalan Macari #409, Postal 230, Merida 97288, MEXICO; PH: 52/992-39822; FAX: 52/992-82483.

CONTACT: Raul Tamayo, Gen. Mgr.
Solvent extraction; crush cap. 600MT/day; storage cap. 20,000MT; animal/livestock feed, crude soybean oil; served by rail and truck. **CONTACT:** Jorge Goff. Refining cap. 200MT/day; edible soy oil products, hydrogenated soy oil; served by rail and truck. Lecithin (edible grade); soybean oil products, shortening; cooking/salad oil.

**La Polar, Fabrica de Aceite
Hidrogenado y Manteca
Vegetal S.A. ★ C R SF IP**

Av. Manuel Gonzalez 165, Col. Atlampa, Mexico 06450, D.F., MEXICO; PH: 90/5/583-4022; TLX: 1772498 (POLA ME).

Other Offices: Ciudad Obregon, Sonora; Matamoros, Tamaulipas (Plants)
CONTACT: Diego Gutierrez, Pres.
Solvent extraction; crush cap. 900MT/day; storage cap. 80,000MT; meal, hulls, crude degummed oil, white flakes for edible purposes; served by truck, rail and barge. Refining cap. 140MT/day; storage cap. 6,000MT; crude degummed oil, once refined oil, fully refined oil, hydrogenated oil, fractionated oil, edible soy oil products, industrial oil products; served by truck and rail. Lecithin (edible grade); soy isolates; soy flour; soy oil products, shortening; cooking/salad oil. Lecithin (Industrial grade); soy flour/soy protein (Industrial grade); soy oil (Industrial grade).

**Productos Alimenticios
Delicias S.A. de C.V. SF**

Apartado Postal 376, Zona Industrial Oriente, Delicias 33000, Chihuahua, MEXICO; PH: 91/147/230-93.

CONTACT: Mario Vega Pineda, Gen. Mgr.
Full fat soy flour.

**Proteinas Naturales,
S.A. de C.V. ★ C IP**

Affiliate of Raul Garcia y Cia, S.A. de C.V. Frente A Km. 502, Via Tampico-Monterrey, P. O. Box 1610, Monterrey 64000, Nuevo Leon,

★ Updated Listing
Alphabetical By Country

C=Soybean Processor (Crusher)
R=Soybean Oil Refiner

SF=Edible Soy Products/Foods
IP=Industrial Soy Products

MEXICO; PH: 83/792244 or 792286;
TLX: 383258 (PRONME).

Contact: Alejandro G. Garcia, Gen. Mgr.
Crush cap. 1,000MT/day; storage cap.
55,000MT; crude soybean oil, hulls, meal;
served by truck and rail. Full fat soy flour/soy
protein (Industrial grade); for animal/livestock
feed; soy oil (Industrial grade); to
produce lubricants (soap).

MOROCCO

Les Huilleries de Meknes ★ R

Quartier Sidi Said, Meknes 2021, MOROCCO;
PH: 212/5-31482; TLX: 31034 (HUIL-MEK).
CONTACT: Eddoudi Hassan, Mgr. Dir.
Refining cap. 120MT/day; storage cap.
6,000MT; fully refined oil; served by truck
and ship.

Societe d'Exploitation Des

Produits Oleagineux (SEPO) C R

2 Rue du Caporal Corbi, B.P. 3094, Casablanca
05, MOROCCO; PH: 241096; TLX: 25076.
CONTACT: Mohamed Ali Boukhissi, Dir.
Solvent extraction; crush cap. 350MT/day;
meal; served by truck. Refining cap. 100MT/
day; crude oil; fully refined oil; served
by truck.

NEPAL

Shree Shiv Shakti Ghee

Udyog Pvt. Ltd. R SF

Mercantile Building, Adarsha Nagar, P.O. Box
76, Birganj, Narayani Zone, NEPAL; PH:
00977/51/21384; TLX: 4007 (SIKRIA NP);
FAX: 00977/51/21906.

CONTACT: Dwarka P. Sikaria, Man. Dir.
Refining cap. 40MT/day; storage cap.
1,200MT; refined oil, hydrogenated soy oil;
served by truck. Soybean oil products,
VEGETABLE GHEE margarine.

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NETHERLANDS

A.D.M. Company Europe ★ C SF

Affiliate of Archer Daniels Midland Company
Boompjes 40, 14th Floor, Rotterdam 3011 XB,
NETHERLANDS; PH: 31/10/4570-399;
TLX: 25282 (ADM EU); FAX: 31/10/4570-315
or 4331-265.

Other Offices: Little Rock, AK; Augusta, Val-
dosta, GA; Des Moines, IA; Frankfort, IN; Cham-
paign, Decatur, Galesburg, Granite City, Taylor-
ville, IL; Fredonia, KS; Mankato, MN; N. Kansas
City, Mexico, MO; Clarksdale, MS; Fremont, Lin-
coln, NE; Fostoria, OH; Kershaw, SC; Windsor,
Ontario, CANADA (ADM Agri-Industries, Ltd.
d/b/a/ Maple Leaf Monarch); Spyck, GERMANY
(ADM Oelmuehlen GmbH); Europoort,
NETHERLANDS (A.D.M. Europoort).

CONTACT: Reitze van Giffen, European Mgr.
Solvent extraction; meal. Lecithin (edible
grade); soy oil products, cooking/salad oil.

A.D.M. Europoort ★ C R SF

Affiliate of Archer Daniels Midland Company
Elbeweg 125, 3198 LC Europoort Rt., Euro-
poort, NETHERLANDS; PH: 31/18/1963-055;
TLX: 29662 (ADM NL); FAX: 31/18/1962-831.

Other Offices: Little Rock, AK; Augusta, Val-
dosta, GA; Des Moines, IA; Frankfort, IN; Cham-
paign, Decatur, Galesburg, Granite City, Taylor-
ville, IL; Fredonia, KS; Mankato, MN; N. Kansas
City, Mexico, MO; Clarksdale, MS; Fremont, Lin-
coln, NE; Fostoria, OH; Kershaw, SC; Windsor,
Ontario, CANADA (ADM Agri-Industries, Ltd.
d/b/a/ Maple Leaf Monarch); Spyck, GERMANY
(ADM Oelmuehlen GmbH); Rotterdam,
NETHERLANDS (A.D.M. Company Europe).

CONTACT: William Groenenboom, Mgr.

Solvent extraction; crude degummed soy-
bean oil, crude soybean oil, hulls, meal.
Crude degummed soybean oil, edible soy oil
products, hydrogenated soy oil, refined soy-
bean oil. Lecithin (edible grade); isolated soy
proteins; soy flour; soy grits.

Cargill B.V. C R SF

Affiliate of Cargill Inc., U.S.A.

Coenhavenweg 2, P.O. Box 8074, Amsterdam
1005 AB, NETHERLANDS; PH: 31/20/5801911;
TLX: 14081 (CGL NL); FAX: 31/20/866611.

Other Offices: Rotterdam, NETHERLANDS

CONTACT: George Henni, Gen. Mgr.

Solvent extraction; crush cap. 3,300MT/day;
animal/livestock feed, crude degummed soy-
bean oil, hulls, meal, white flakes for edible
purposes; served by barge, rail, ship and
truck. CONTACT: Robert L. Green. Refining
cap. 500MT/day; refined soybean oil; served
by barge, rail, ship and truck. CONTACT:

Ruud Sevink. Simulated meat products (analogs), textured soy proteins; textured soy flour; soy grits. CONTACT: Bob Hamaker.

Central Soya Overseas B.V. SF IP

Affiliate of Central Soya Company
Chemurgy Division, Veerlaan 17-23, P.O.
Box 5063, Rotterdam 3072AN,
NETHERLANDS; PH: 31/010/423-9600; TLX:
20041 (CNSOY NL); FAX: 31/010/4230897.
CONTACT: James P. King, Sales &
Mktg. Mgr.

CENTROLEX lecithin (edible grade);
PROMINE, PROMAX, PROCON and PROMO-
SOY soy concentrates; TEXTURED PROCON
and RESPONSE simulated meat products
(analogs); SOYAFLUFF soy flour; CENTEX
and MIRATEX textured soy flour; soy grits;
other soy-based foods, pure lecithins (de-
oiled), lecithin supplements. CENTROMIX
lecithin (Industrial grade) for feed, paints, lu-
bricants release and magnetic media.
CONTACT: Chemurgy Division.

Central Soya Utrecht B.V. C

Affiliate of Central Soya Co., Inc., Fort
Wayne, IN
Everard Meijsterlaan 3, P.O. Box 8048, 3533 CK
Utrecht, NETHERLANDS; PH: 31/30-93-8141;
TLX: 844-47479 (CSUT NL).
CONTACT: Evert G. Van Korlaar
Solvent extraction; crush cap. 1,700MT/day;
storage cap. 2,000MT; meal, hulls, crude oil,
crude degummed oil; served by truck
and barge.

Fa. L.I. Frank ★ SF IP

Oude Rijkssstraatweg 32-40, Postbox 46, Twello
7390 AA, NETHERLANDS; PH: 31/5712/72131;
TLX: 49350 (FRANK NL); FAX: 31/5712/75624.
Other Offices: Kronger, GERMANY (Breuer
Agency); Paris, FRANCE (A.Arnaud S.A.)
CONTACT: J. R. Miedendorp de Bie, Jr.
Lecithin (edible grade); soy concentrates;
isolated soy proteins; SUNSOY soy flour,
SUNSOY-20 full fat soy flour; soy fiber;
soy grits; soyfoods, soy sauce; other soy-
based foods. Full fat soy flour/soy protein
(Industrial grade).

See Our Display Ad On Page 68

Hendrix Voeders B.V. IP

Affiliate of B.P. Nutrition
Veerstraat 48, P.O. Box 1, 5831 JN Boxmeer,
NETHERLANDS; PH: 8855/89911; TLX: 37291
(HDRX NL).
CONTACT: N. van der Vlist, Dir.

Soy flour/soy protein (Industrial grade) full
fat for pet food, fish food and cattle feed.

Heuschen-Schrouff B.V. SF

Reeweg 137, Landgraaf 6374 BW,
NETHERLANDS; PH: 31/045/311998;
TLX: 56377.
CONTACT: G. H. G. Schrouff, Mgr. Dir.
Soyfoods, WINDMILL tofu; other soy-based
foods, smoked tofu; tofu burgers; satem tofu
(packed in foil, 250g and 400g).

Loders Croklaan B.V. ★ C SF

Affiliate of Unilever
Hogeweg 1, P.O. Box 4, Wormerveer 1520 AA,
NETHERLANDS; PH: 75/292911; TLX: 19257
(CROK NL); FAX: 75/218881.
CONTACT: Special Prods. Unit
Animal/livestock feed. CONTACT: G.
Hoetmer. UNICO, SOYCOMIL soy
concentrates.

Lucas Meyer B.V. ★ C R SF IP

Affiliate of Lucas Meyer GmbH & Co., Hamburg
Frankenslag 107, S'Gravenhage 2508EA,
NETHERLANDS; PH: 0031/70/500300; TLX:
32014 (MEYER NL); FAX: 0031/70/520389.
Other Offices: Decatur, IL; Chester,
ENGLAND; Oudenaarde, BELGIUM; Hamburg,
FEDERAL REPUBLIC OF GERMANY; Vigonza,
ITALY; Le Blanc Mesnil, Cedex, FRANCE;
Barcelona, SPAIN; Campinas, BRAZIL.
CONTACT: Andre van der Zande, Man. Dir.
Animal/livestock feed. Edible soy oil prod-
ucts; Industrial oil products. TOPCITHIN, M-
C-THIN, EMULFLUID, METARIN EMULPURE,
EMULGUM, LECIMULTHIN, EMULTHIN,
EPICHOIN, and EPIKURON lecithins (edible
grade); SOYAMIN 70 soy concentrates;
SOYAMIN 90 isolated soy protein;
VEGAFOOM whipping soya protein; TEX-
TRATEIN textured soy protein; SOYAMIN 50
soy flour; SOYAPAN and NURUPAN full fat
soy flours; NURULAT full fat soya powder;
NURAFLAKES full fat soya flakes; SOYOCO
full fat soya kernels; SOVITAL soya bran;
NURUGRAN full fat soya grits. LIPOTIN and
LIPOWET lecithin (Industrial grade) for
paints, varnishes, leather, magnetic tapes,
coatings, inks and cosmetics; EMULMETIK
modified soya phospholipids.

Mervo Products B.V. ★ IP

Affiliate of Cebeco-Handelsraad
Havenstraat 10, P.O. Box 134, Doetinchem
7000 AC, NETHERLANDS; PH: 03340-32543;
TLX: 45071 (CEBEC); FAX: 08340-41556.
Other Offices: Hengelo, NETHERLANDS
CONTACT: A. Hofstede, Man. Dir.

★ Updated Listing
Alphabetical By Country

C=Soybean Processor (Crusher)
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IP=Industrial Soy Products

Full fat soy flour/soy protein (Industrial grade) for feed compound.

Nutrimul B.V. ★ SF

Ermerweg 88, 7812 BG, P.O. Box 647,
Emmen 7800 AP, NETHERLANDS; PH:
0031/5910-19288; TLX: 30377 (NUMUL NL);
FAX: 0031/5910-41612.

CONTACT: Albert Grooten, Dir.
NUTRILEC lecithin (edible grade);
NUPROSOY full fat soy flour. CONTACT:
Anneke Kayser.

**Rotterdamsche Margarine
Industrie B.V. (ROMI) R SF**

Kon. Wilhelminahaven N.2.17, P.O. Box 20,
Vlaardingen 3130 AA, NETHERLANDS; PH:
10/434-0311; TLX: 25770; FAX: 010/435-3627.

CONTACT: L. Albert van Marion, Dir.
Hydrogenated soy oil, refined soybean oil;
served by barge, ship and truck. CONTACT:
S. Haagsma. Soybean oil products,
margarine; shortening; cooking/salad oil.

Schouten/Glessen NV ★ C SF

Burgstraat 12, P.O. Box 1, Giessen 4283 ZG, N.
Brabant, NETHERLANDS; PH: 01832/1141;
TLX: 21159; FAX: 01832/1615.

CONTACT: A.G. van der Werf, Dir., Trading Div.
Animal/livestock feed; served by barge, ship
& truck. SOYAX (toasted, pelleted) & SOYAX-
F (toasted, flaked, pelleted) full fat soy grits
for animal/livestock feed.

Solnuts B.V. ★ SF

Swaardenstraat 41, P.O. Box 5066, Tilburg
5004 EB, NETHERLANDS; PH: 31/13/684991;
TLX: 52654 (SOLNU NL); FAX: 31/13/634109.

Other Offices: Hudson, IA (Solnuts Inc.)
CONTACT: Boud Lindner, Pres.
Full fat soy flour; soy fiber; soy grits;
soyfoods, soynuts (whole soybean snacks).

NETHERLANDS ANTILLES

Allmentos Antillanos N.V. ★ R

Abattoirweg Z/N Parera, Curacao,
NETHERLANDS ANTILLES; PH: 5999-614412;
FAX: 5999-613032.

CONTACT: Jan Marent, Dir.
Refining cap. 20MT/day; storage cap. 580MT;
edible soy oil products.

NEW ZEALAND

Innovex Nutrition 1989 Ltd. ★ C IP

Taupaki Road, P.O. Box 99, Kumeu, Auckland,
NEW ZEALAND; PH: 09/412-8533; FAX:
09/412-8533.

CONTACT: Paul Bishop, Gen. Mgr.
Solvent extraction; storage cap. 150MT; ani-
mal/livestock feed, crude degummed soy-
bean oil; served by truck. ENERGY-SOY,
SOY-PLUS, SOY-PLUS-ACID, PROTEX soy
flour/soy protein (Industrial grade).

NICARAGUA

E. Chamorro Industrial S.A. ★ C

P.O. Box 32, Granada, NICARAGUA; PH:
505/55/4391 (to 4395); FAX: 505/55/2-661671.
Other Offices: San Jose, COSTA RICA;
Miami, FL

CONTACT: Alberto J. Chamorro, Pres.
Solvent extraction; crush cap. 250MT/day;
storage cap. 20,000MT; animal/livestock
feed, crude degummed soybean oil, crude
soybean oil, meal; served by truck.

NIGERIA

Vegetable Oils (Nigeria) Ltd. ★ C R

Affiliate of Odu'a Investment Company Ltd.
386/394 Ikoro Road, Ojota, P. O. Box 121,
Ikeja, Lagos, NIGERIA; PH: 234/01/9005600-1
or 963680; TLX: 26533 (VON NG).

CONTACT: Victor Omololu, Man. Dir.
Solvent extraction; crush cap. 100MT/day;
storage cap. 5,000MT; crude soybean oil. Re-
fining cap. 100MT/day; storage cap. 4,000MT;
refined soybean oil.

NORWAY

A/S Denofa Og Lilleborg

Fabriker ★ C R SF IP

Affiliate of Orkla-Borregaard

Should YOUR COMPANY Be Listed In The '91 Soya Bluebook?

Soybean Processors and Manufacturers of Soy-Based Products

Sandakerveien 56, P.O. Box 4236, Torshov,
0401 Oslo 4, NORWAY; PH: 47/2/895000;
TLX: 71181 (B DENO N); FAX: 895138.
CONTACT: Rolf Kløgetvedt, Purch. Mgr.
Solvent extraction; crush cap. 1,000MT/day;
storage cap. 30,000MT; animal/livestock
feed, crude degummed soybean oil; served
by ship and truck. CONTACT: Odd R.
Bjoernstad Refining cap. 180MT/day; storage
cap. 10,000MT; edible soy oil products, hy-
drogenated soy oil, industrial oil products,
refined soybean oil; served by ship and
truck. Lecithin (edible grade). Lecithin (in-
dustrial grade); soy oil (industrial grade);
soybean fatty acids.

PAKISTAN

Cake & Oil Products Pvt. Ltd. C
United Bank Building, 2nd Floor, Chundrigar
Road, Karachi 042, PAKISTAN; PH:
92/21/231887-234342 or 229228; TLX:
(RCA) 25728 (HYDRI PK).
CONTACT: Altaf H. Anvarali, Dir.
Continuous screw press, solvent extraction;
crush cap. 100MT/day; storage cap. 2,000MT;
meal, crude degummed oil; served by truck.

M/S- Spinzer Industries Ltd.
(Ghee Mills) R
Industrial Estate, Jamrud Road, Peshawar,
NWFP, PAKISTAN; PH: 92/0521.
CONTACT: G. M. Yousafzai, Man. Dir.
Refining cap. 40MT/day; storage cap.
2,000MT; Industrial oil products; served
by truck.

PANAMA

Compañía Panameña de
Acelites, S.A. C R SF
Domingo Diaz Avenue, P.O. Box 6-2396, Pan-
amá City, PANAMA; PH: 507/20-1006; TLX:
(TRT) 3553 (ACEITES); FAX: 507/20-3859.
CONTACT: Julieta F. Lorenzo, Admin. Mgr.
Continuous screw press; crude degummed
soybean oil. Edible soy oil products, refined
soybean oil; served by ship, truck. Soybean
oil products, MAIZOL, PERFECTA marga-
rine; CHANCHO, PASTELERO shortening;

COCINERO, MAIZOL cooking/salad oil.
CONTACT: Jaime Arosemena.

PERU

Compania Oleaginoso del
Peru S.A. (COPSA) C R SF
Av. Argentina 5027, P.O. Box 2965, Callao,
PERU; PH: 52-5570; TLX: 036-25785
(PE FABRIL).
CONTACT: Carlos Ludowieg, Tech. Mgr.
Continuous screw press, solvent extraction;
crush cap. 200MT/day; storage cap. 4,000MT;
crude degummed oil; served by truck. Refin-
ing cap. 150MT/day; storage cap. 5,000MT;
fully refined oil, hydrogenated oil; served by
truck. Soy flour; soy oil products, margarine,
cooking/salad oil.

PORTUGAL

Produtora e Refinadora de
Oleos, S.A. (PRAZOL) C R
Av. Bernardino Machado-Formariz, Ap. 52, Vila
do Conde Codex 4481, Douro Litoral,
PORTUGAL; PH: 351/52/633497; TLX: 23838
(PRAVIC P).
Other Offices: Lisbon, Estremadura; Castelo
Branco, Biera-Baixa, PORTUGAL
CONTACT: Alcino Cardoso, Pres.
Solvent extraction; crush cap. 600MT/day;
storage cap. 33,000MT; meals, hulls, crude
oil, crude degummed oil; served by truck.
Refining cap. 120MT/day; storage cap
6,500MT; fully refined oil; served by truck.
CONTACT: Plant Mgr.

Sociedade Iberica de Oleaginosas,
S.A. (IBEROL) C R SF IP
Av. Frei Miguel Contreiras, 54-2º, P.O.
Box 5190, Lisbon 1702, PORTUGAL; PH:
010351/01-888176/8; TLX: 12422 (IBEROL P);
FAX: 10351/805837.
Continuous screw press; crush cap. 700MT/
day; storage cap. 30,000MT; meal, crude oil,
crude degummed oil; served by truck, rail
and barge. Refining cap 60MT/day; storage
cap. 4,000MT; fully refined oil, edible soy oil
products, industrial oil products; served by
truck, rail and barge. Lecithin (edible grade);

★ Updated Listing
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soy flour; soy oil products, cooking/salad oil. Lecithin (industrial grade) for the pharmaceutical and chemical industries; soy flour for the animal food industry; soy oil (industrial grade) for the refining industry.

Sociedade Nacional de Saboes, Lda. ★ C R IP

Rua de Marvila, 151, Apartado 2270, Lisbon 1107, PORTUGAL; PH: 351/01/381571 or 382005; TLX: 18474 (SABOES P).

CONTACT: Jaime Figo, Gen. Mgr.

Solvent extraction; crush cap. 300MT/day; meal, crude oil, fully refined oil, animal/livestock feed; served by truck and ship. Refining cap. 180MT/day; storage cap. 4,000MT; industrial oil products; served by truck and ship. Full fat soy flour/soy protein (industrial grade) for livestock feed products; soy oil (industrial grade) for synthetic resins.

CONTACT: Armando G. Antunes.

TAGOL S.A. ★ C R SF IP

Campo Grande, 28-6º, Lisbon 1700, PORTUGAL; PH: 351/1/767521; TLX: 14187 (TAGOL P); FAX: 765079.

CONTACT: Manuel Mourão, Vice Pres.

Solvent extraction; crush cap. 2,500MT/day; storage cap. 100,000MT; crude degummed soybean oil, meal; served by barge, rail, ship, and truck. CONTACT: Fernando Almeida. Refining cap. 150MT/day; storage cap.

21,000MT; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil; served by ship and truck. CONTACT: Melo Sampaio. TAGOL full fat soy flour; soybean oil products, CAMPO D'OURO margarine; CAMPO D'OURO shortening; CAMPO D'OURO cooking/salad oil; CAMPO D'OURO salad dressing. Full fat soy flour/soy protein (industrial grade) for animal feeds.

SAUDI ARABIA

Middle East Analog Technology ★ SF

P.O. Box 4553, Jeddah 21412, SAUDI ARABIA;

See Glossary
For A Complete
Definition Of Terms

PH: 966/2/682-2201;

CONTACT: Kevin Fallon, Pres.
Simulated meat products (analog & WSMB).

SCOTLAND

Cardowan Creameries Ltd. ★ SF

Holywell Street, Glasgow G31 4BT, SCOTLAND; PH: 44/41/554-1137.

CONTACT: Mary Johnston, Secy.
KING COLE margarine (trade-user packs of pastry and cake margarines); KING COLE shortening (trade-user packs); FRYBEX cooking/salad oil.

SINGAPORE

Devon Industries Sdn Bhd SF

101 Thomson Road, #14-01 United Square, Singapore 1130, SINGAPORE; PH: 65/253-5555; TLX: 25087 (DEVON); FAX: 65/253-6555.

CONTACT: Eric Neo, Dir.

Soybean oil products, margarine; shortening; cooking/salad oil.

Fedflour Trading (S) Pte. Ltd. ★ C R

Affiliate of Federal Flour Mills Berhad 15 Carpenter Street, Singapore 0105, SINGAPORE; PH: 65/534-4722 or 534-3261; TLX: 22264 (KUOKOIL RS); FAX: 65/532-5335.

CONTACT: Kwok K. Hai, Gen. Mgr.

Solvent extraction; crush cap. 400MT/day; crude degummed soybean oil, crude soybean oil; served by ship. Refining cap. 400MT; served by ship.

Fraser & Neave (Singapore) Pte. Ltd. ★ SF

457 Jalan Ahmad Ibrahim, Singapore 2263, SINGAPORE; PH: 65/861-7600; FAX: 65/861-2652.

CONTACT: Kain S. Kwok, R&D Mgr.

Soyfoods, soymilk; frozen desserts; tofu.

Pasir Gudang Edible Oils Sdn. Berhad C R

C/O 15 Carpenter Street, Singapore 0105, SINGAPORE; PH: 65/07-512011 (7 lines); TLX: 60678 (PGEOPG MA); FAX: 65/511079.

CONTACT: Kwok Kian Hai, Gen. Mgr.

Solvent extraction; crush cap. 500MT/day; storage cap. 20,000MT; meal, crude degummed oil; served by truck, rail and ship. Refining cap. 400MT/day; storage cap. 3,000MT; crude degummed oil, once refined oil, fully refined oil; served by truck and ship.

Yeo Hiap Seng Ltd. ★ SF

950 Dunearn Road, Singapore 2158, SINGAPORE; PH: 65/466-2266; TLX: (RS) 22143 (YHSL); FAX: 65/466-4641. Other Offices: Petaling Jaya, Selangor, MALAYSIA (Yeo Hiap Seng (M) BHD—mfg.) CONTACT: C. T. Yeow, Bus. Dev. Mgr. Soyfoods, YEO'S soymilk, drinks or beverages (cans & tetra-brlk); YEO'S soy sauce; NATURE SOY tofu & tofu products (aseptic pack). CONTACT: Joseph Yeo.

SOUTH AFRICA

Golden Harvest Cereal Pty. Ltd. SF IP

Christopher St. 125, P. O. Box 43, Boksburg 1360, Transvaal, SOUTH AFRICA; PH: 284433; TLX: 350022. CONTACT: J. Z. de Jaser, Mkting. R&D Officer Full fat soy flour. Full fat soy flour/soy protein (industrial grade) for the baking industry.

SPAIN

Aceltes y Protelas S.A. (ACEPROSA) ★ C R SF

Repelega, P.O. Box 6, Portugalete 48920, SPAIN; PH: 94/496-5111; TLX: 32753 (ACEPR E); FAX: 94/496-7496. CONTACT: Juan Leguina, Sales Mgr. Solvent extraction; crush cap. 1800MT/day; storage cap. 60,000MT; crude degummed soybean oil, meal; served by rail, ship and truck. Refining cap. 240MT/day; storage cap. 15,000MT; crude degummed soybean oil, refined soybean oil; served by rail, ship and truck. Lecithin (edible grade); EMULSOY 0 soy flour; EMULSOY INTEGRAL full fat soy flour.

Ariesa ★ C R SF IP

Paseo de la Castellana 143-8º, Madrid 28046, SPAIN; PH: 91/279-6300; TLX: 27784 (BUMAD); FAX: 279-9405. Other Offices: Valencia, SPAIN (mfg.); Sevilla, SPAIN (mfg.) CONTACT: Theo Temmink, Comm. Mgr. Solvent extraction, crush cap. 1,900MT/day; storage cap. 45,000MT; crude degummed soybean oil, hulls, meal; served by ship and truck. Refining cap. 200MT/day; storage cap. 10,000MT; crude degummed soybean oil, refined soybean oil; served by ship and truck. Lecithin (edible grade). Lecithin (industrial grade).

Cargill España, S.A. ★ C

MAIN OFFICE: Calle Muelle Alvarez de la Campa, S/N, P.O. Box 2626, Barcelona 08004, SPAIN; PH: 34/3/332-7454; FAX: 34/3/331-4404. Other Offices: Tarragona CONTACT: Jose I. Escribano, Merch. Mgr. Solvent extraction; crush cap. 2,000MT/day; storage cap. 42,000MT; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail, ship and truck.

Cargill España, S.A. ★ C R

Calle Muelle Castilla, S/N, P.O. Box 191, Tarragona 43080, SPAIN; PH: 34/77/211208; TLX: 56509 (SILO E); FAX: 34/77/211400. CONTACT: Jose I. Escribano, Merch. Mgr. Solvent extraction; crush cap. 1,150MT/day; storage cap. 10,000MT; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail, ship and truck. Refining cap. 180MT/day; storage cap. 4,000MT; refined soybean oil; served by rail, ship and truck.

Compania Industrial y de Abastecimientos S.A. (CINDASA) C R

Affiliate of Cargill, Inc. Avda. de los Madronos, 31, Madrid 28043, SPAIN; PH: 34/1/759-2500; TLX: 22080 (DINSO). CONTACT: Javier Losantos, Gen. Mgr. Solvent extraction; crush cap. 4,200MT/day; meal, hulls, crude oil; served by truck, rail and ship. Refining cap. 500MT/day; crude degummed oil, once refined oil, fully refined oil; served by truck, rail and ship.

KELSA, S.A. ★ C R SF

El Burgo, P.O. Box 582, La Coruña 15670, SPAIN; PH: 981/661-150 or 661-250; TLX: 82142 (KELSA; E); FAX: 663-811. CONTACT: Ramon Pitarque Gorospe, Comm. Mgr.

★ Updated Listing
Alphabetical By Country

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SF=Edible Soy Products/Foods
IP=Industrial Soy Products

Solvent extraction; crush cap. 800MT/day; storage cap. 24,000MT; crude degummed soybean oil, crude soybean oil, hulls, meal. Refining cap. 70MT/day; storage cap. 5,000MT; crude degummed soybean oil, refined soybean oil; served by ship. Lecithin (edible grade); soy flour; full fat soy flour.

Lucas Meyer S.A. ★ C R SF IP

Affiliate of Lucas Meyer GmbH & Co., Hamburg
Via Augusta, 13-15, of. 102, Barcelona 08006,
SPAIN; PH: 003/43/218-5762; TLX: 99703
(LUCAS E); FAX: 003/43/415-2919.

Other Offices: Decatur, IL; Chester,
ENGLAND; S'Gravenhage, NETHERLANDS;
Hamburg, FEDERAL REPUBLIC OF
GERMANY; Oudenaarde, BELGIUM; Vigonza,
ITALY; Le Blanc Mesnil, Cedex, FRANCE;
Campinas, BRAZIL.

CONTACT: Pedro Duenas, Man. Dir.

Animal/livestock feed. Edible soy oil products; industrial oil products. TOPCITHIN, M-C-TIN, EMULFLUID, METARIN EMULPURE, EMULGUM, LECIMULTIN, EMULTIN, EPICHOLIN, and EPIKURON lecithins (edible grade); SOYAMIN 70 soy concentrates; SOYAMIN 90 isolated soy protein; VEGAFOOM whipping soya protein; TEXTRATEIN textured soy protein; SOYAMIN 50 soy flour; SOYAPAN and NURUPAN full fat soy flours; NURULAT full fat soya powder; NURAFLAKES full fat soya flakes; SOYOCO full fat soya kernels; SOYITAL soya bran; NURUGRAN full fat soya grfts. LIPOTIN and LIPOWET lecithin (industrial grade) for paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids.

Oleaginosas Espanolas S.A. (OESA)

MAIN OFFICE: Nunez de Balboa, 108, P.O.
Box 2426, Madrid 28006, SPAIN; PH:
34/1/411-4613; TLX: 45302 (OLEA E).

Other Offices: Barcelona

CONTACT: Juan F. Zamarano, Tech. Dir.

**Oleaginosas Espanolas
S.A. (OESA) C SF IP**

Puerto de Barcelona, Muelle de Contradique
s/n, P.O. Box 22270, Barcelona 08004, SPAIN;
PH: 34/1/411-4613; TLX: 45302 (OLEA E).

CONTACT: Juan F. Zamarano, Tech. Dir.

Solvent extraction; crush cap. 2,800MT/day; storage cap. 40,000MT; meal, hulls, crude degummed oil; edible soy oil products; industrial oil products; served by truck, rail, barge and ship. Lecithin (edible grade). Lecithin (industrial grade); soy oil (industrial grade). CONTACT: Jose Ferrer Berta.

**Sociedad Iberica de Molturacion,
S.A. (SIMSA) ★ C R SF IP**

Plaza De Chamberi 8, 7th Floor, Madrid 28010,
SPAIN; PH: 34/1/447-3013; TLX: 27216

(SIMSA E); FAX: 34/1/445-5334.

Other Offices: Ponteijos, Santander,
SPAIN (Mfg.)

CONTACT: Ignacio Aritio, Dpty. Dir. Gen.

Continuous screw press, solvent extraction; crush cap. 2,000MT/day; storage cap.

200,000 MT; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail,

ship and truck. Refining cap. 100MT/day;

storage cap. 10,500 MT; crude degummed

soybean oil, refined soybean oil; served by rail, ship and truck. CONTACT: Ignacio Aritio,

Dpty. Dir. Gen. Lecithin (edible grade); soybean oil products, cooking/salad oil.

SIMSASOL lecithin (industrial grade) for pharmaceutical, cosmetic and other industrial uses; OLESOYA soy oil (industrial

grade) bottled cooking oil. CONTACT:
Jesus Prieto.

Zualtzo Proteinas Vegetales C SF

Plaza Santa Maria, 2 Bajo, Vitoria-Gasteiz
01001, SPAIN; PH: 945/288630; TLX: 35515
(COCIA E), Attention J. Arocena.

CONTACT: Javier Arocena

Continuous screw press; crush cap. 30
kilos/day; storage cap. 3MT; meal; served
by truck. Soyfoods, tempeh; tofu &
tofu products.

SWEDEN

Karlshamns AB C R SF IP

A Division of Ako Trading

Vaestra Kajen, Karlshamn S-374 82, SWEDEN;
PH: 46/454-82000; TLX: 4511 (AKOTRA S);
FAX: 46/454-12239.

Other Offices: Columbus, OH; Kearny, NJ
(Capital City Products)

CONTACT: Johan Sandberg, Vice Pres.

Continuous screw press; crush cap. 250MT/
day; storage cap. 100,000MT; animal/live-

stock feed, crude degummed soybean oil;
served by rail, ship and truck. Refining cap.

500MT/day; storage cap. 35,000MT; hydro-

genated soy oil, industrial oil products, re-

fining soybean oil; served by rail, ship and
truck. Soybean oil products, margarine;

shortening; cooking/salad oil; salad
dressing. Soy oil (industrial grade).

Margarinbolaget AB SF

Strandbergsgatan 20, P.O. Box 30025, Stockholm S-104 25, SWEDEN; PH: 46/8/573700; TLX: 19571 (MARG S); FAX: 46/8/549197.
CONTACT: Ulf Larsson, Purchasing Mgr.
Soy oil products, margarine; shortening; cooking/salad oil.

SWITZERLAND

Galactina Ltd. ★ C SF

Birkenweg 1-6, Belp CH-3123, SWITZERLAND; PH: 031/81-1111; TLX: 911658 (GABI); FAX: 031/81-1530.
CONTACT: Anton von Weissenfluh, Tech. Mgr.
Solvent extraction; storage cap. 180MT; meal; served by rail and truck. CONTACT: Conrad Seewer. **Soyfoods, soymilk, drinks or beverages; tofu & tofu products.**

Oleificio SABO ★ C

Via dei Solari 2, P.O. Box 3327, CH-6901 Lugano, SWITZERLAND; PH: 41/091/234461; TLX: 844457 (SABO CH).
CONTACT: Giancarlo Bordon, Gen. Mgr.
Solvent extraction; crush cap. 30MT/day; storage cap. 4,000MT; animal/livestock feed, crude oil, fully refined oil; served by truck and rail.

SAIS ★ C R SF IP

Affiliate of Unilever N.V., Rotterdam Fortlückstrasse 10, Postfach, CH-8031 Zurich, SWITZERLAND; PH: 41/1/278-4211; TLX: 822750 (SAIS ZH); FAX: 41/1/271-5068.
Other Offices: Rotterdam, NETHERLANDS (Unilever N.V.)
CONTACT: Walter H. Hefti, Chrman.
Continuous screw press, solvent extraction; meal, crude oil, crude degummed oil; served by truck and rail. Crude degummed oil, fully refined oil, hydrogenated oil, fractionated oil, edible soy oil products, industrial oil products; served by truck and rail. Soy oil products, margarine; shortening; cooking/salad oil; salad dressing. Soy oil (industrial grade); soybean fatty acids.

TAIWAN

Fong-Mao Industries

Company Ltd. ★ C R SF IP

No. 42-13 Houpi Village, Houpi 73101, Tainan, TAIWAN; PH: 886/6/687-1111.
CONTACT: K. Y. Lin, Gen. Mgr.
Solvent extraction; crush cap. 250MT/day; storage cap. 7,200MT; animal/livestock feed; served by truck and rail. Refining cap. 45MT/day; storage cap. 3,000MT; crude oil; crude degummed oil; once refined oil; edible soy oil products; industrial oil products. served by truck and rail. Full fat soy flour; soybean oil products; salad dressing. Soy flour/soy protein (industrial grade).

Fwu Sow Grain Products

Company, Ltd. C

MAIN OFFICE: 45 Sha-Tyan Road, Sha-Lu, Taichung 43504, TAIWAN; PH: 886/046-362111; TLX: 22237 (FWU SOW); FAX: 046/358-566.

Fwu Sow Grain Products

Company,, Ltd. C R SF

Taichung Harbor Plant, 98, Zih-Cheon Road, Wu-Chih, Taichung, TAIWAN; PH: 886/046/362111; TLX: 22237 (FWU SOW); FAX: 046/393-084.

Other Offices: Taipei (Plant)

CONTACT: H. Y. Wang, Vice Pres.
Solvent extraction; crush cap. 850MT/day; storage cap. 25,000MT; meal, crude oil; served by truck. Refining cap. 140MT/day; storage cap. 4,000MT; edible soy oil products; served by truck. Lecithin (edible grade); soy oil products, LUCKY cooking/salad oil.

Great Wall Enterprise

Company Ltd. C R SF IP

No. 3, Niao-Sung 2nd Street, Niao-Sung Village, Yung-Kung Hsiang, Tainan Hsien 71004, TAIWAN; PH: 06/253-1111; TLX: 71351. (GREATAL); FAX: 06/253-1686.
CONTACT: John C. Ou, Dpty. Mgr.
Solvent extraction; crush cap. 250MT/day; storage cap. 40,000MT; meal, hulls, animal/livestock feed, crude oil, crude degummed oil; served by truck and rail. Crude

“ See Soya Statistics ”

For Data On World Soybean Production, Processing, Products and Exports & Imports

★ Updated Listing
Alphabetical By Country

C=Soybean Processor (Crusher)
R=Soybean Oil Refiner

SF=Edible Soy Products/Foods
IP=Industrial Soy Products

degummed oil, fully refined oil, edible soy oil products, industrial oil products; served by truck and ship. GREAT WALL lecithin (edible grade); soy flour; full fat soy flour; soy oil products, shortening; cooking/salad oil. GREAT WALL lecithin (industrial grade) for feeds; full fat soy flour/soy protein (industrial grade) for feeds; soy oil (industrial grade) for resin; soy sterols and tocopherols; soybean fatty acids.

**Hsiao-Kang By-Products
Factory, TSC ★ C SF**

133, Hsiao-Kang Road, Kao-Hsiung 81206, TAIWAN; PH: 886/821-4160.
CONTACT: C. W. Chen, Plant Mgr.
Solvent extraction; crush cap. 340MT/day; storage cap. 25,000MT; meal, animal/live-stock feed, crude oil, fully refined oil, hydro-genated oil, edible soy oil products; served by truck. Soy oil products, cooking/salad oil. CONTACT: T. W. Tang, Plant Mgr.

President Enterprises Corp. ★ R SF

301 Chung-Cheng Road, Yan Hamg, Yeong Kang Shiang, Tainan Hsien 71007, TAIWAN; PH: 886/6/253-2121; TLX: 71348 (PRESIT).
CONTACT: C. S. Lin, Gen. Mgr.
Refining cap. 120MT/day; storage cap. 1,000MT; edible soy oil products; served by truck. CONTACT: C. Yang. Lecithin (edible grade); soy oil products, margarine; shorten-ing; cooking/salad oil; soyfoods, soymilk, drinks or beverages; soy sauce. CONTACT: Hua-Yang Lee.

**Tay Shan Enterprise
Company Ltd. ★ C SF IP**

178 Nanking E. Road, Sec. 2, 14th Floor, Taipei, TAIWAN; PH: 886/2/506-4152; TLX: 22863 (SUNRISE).
CONTACT: James T. Chan, Chman./CEO
Solvent extraction; crush cap. 600MT/day; meal, crude oil, fully refined oil, edible soy oil products; industrial soy products; served by truck and rail. Soy oil products, TAY SHAN salad oil. Soy sterols & tocopherols.

**Wan Jia Shiang Brewery
Company Ltd. ★ SF**

80-1, Hope Street, Sun Chung City, Taipei, TAIWAN; PH: 886/2/995-6622; TLX: 25852 (JOY TW).
Other Offices: Middletown, NY
CONTACT: Jen-Chun Wu, Vice Pres.
Soyfoods, WAN JA SHAN soy sauce.

THAILAND

Green Spot (Thailand) Ltd. ★ C SF

79 Pattanakarn 3 Road, Bangkok 10240, THAILAND; PH: 66/2/377-5088.
CONTACT: C. C. Cheung, Gen. Mgr.
Continuous screw press; crush cap. 10MT/day; storage cap. 800MT. Soyfoods, VITAMILK soy beverages.

**Industrial Enterprises
Company Ltd. C R SF**

179 Surawong Road, Bang Rak, P.O. Box 2142, Bangkok 10500, THAILAND; PH: 66/2/235-4853-9; TLX: 82649 (IDC TH); FAX: 66/2/235-4854.
Other Offices: Nonthburi (Mfg.)
CONTACT: Adun Adulayavichit, Man. Dir.
Solvent extraction, crush cap. 1,000MT/day; storage cap. 30,000MT. Refining cap. 100MT/day; refined soybean oil. Soybean oil products, cooking/salad oil.

Nestle (Thailand) Ltd. SF

149 Teeparuk Road, Samrong, P.O. Box 11-160, Bangkok, THAILAND; PH: 3940-946 or 3940-947; TLX: 87384 (NESTHAI TH).
CONTACT: J. L. Wood, Factory Mgr.
Soyfoods, BONUS soy beverage.

**Patum Vegetable Oil
Company, Ltd. ★ R SF IP**

733/23 Charansanitwong Road, Bangkok 10700, THAILAND; PH: 66/2/424-1165; TLX: 086-82431 (PATUM TH).
Other Offices: Lardlumpkaew, Patumthanee
CONTACT: Prakit Triyanond, Gen. Mgr.
Refining cap. 100MT/day; storage cap. 3,000MT; fully refined oil, edible soy oil products, industrial oil products; served by truck, barge and ship. Soybean oil products, soy oil (edible grade) for canned tuna; GAYSORN, KORNA cooking/salad oil. Alkyd resin for paint industry; soybean fatty acids.

**Thanakorn Vegetable Oil
Products Co., Ltd. C R IP**

MAIN OFFICE: 99 Soi Thanakorn, Phra Samutjedi Road, Samutprakayn 10290, THAILAND; PH: 66/2/425-89307; TLX: (TH) 82940 (POON PHOL); FAX: 66/2/425-9838.
Other Offices: Bangkok, THAILAND
CONTACT: Yook Mahaisiriyodom, Raw Material Mgr.
Solvent extraction; crush cap. 800-1000MT/day; storage cap. 20,000MT; animal/livestock feed; served by ship and truck. Refining cap.

100MT/day; storage cap. 2000MT; edible soy oil products, refined soybean oil; served by ship and truck. Soy oil (Industrial grade).

Thanakorn Vegetable Oil Products Company Ltd ★ C R SF IP

99 Soi Thanakorn, Phra Pradaeng Road, P.O. Box 13-5, Bangkok 10130, THAILAND; PH: 66/2/425-8930; TLX: 086-84031 (TANAOIL TH). CONTACT: Vibul Sarakitpricha, Man. Dir.

Solvent extraction; crush cap. 800MT/day; storage cap. 20,000MT; meal; served by truck and barge. Refining cap. 100MT/day; storage cap. 6,000MT; crude degummed oil, fully refined oil, edible soy oil products; served by truck and barge. Soy oil products, cooking/salad oil; COOK and THANA mixed oils with rice brand and kapok seeds. Soy oil (Industrial grade) for paints & varnishes.

TRINIDAD & TOBAGO

National Flour Mills Ltd. C R IP

27-29 Wrightson Road, Port of Spain, TRINIDAD & TOBAGO; PH: 1/809/625-2336; FAX: 809/625-2236.

CONTACT: P. M. Bell, Mgr.

Solvent extraction; crush cap. 300MT/day; storage cap. 9,000MT; crude degummed soybean oil, hulls, meal; served by ship and truck. CONTACT: G. Charles. Refining cap. 55MT/day; storage cap. 1,500MT; crude degummed soybean oil, hydrogenated soy oil, refined soybean oil; served by ship and truck. CONTACT: G. Charles. Soy oil (Industrial grade).

TURKEY

Bag Yagli Sanayi ve Ticaret T.A.S. C R IP

Affiliate of Bagiai Yag Sanayi Tesisleri Isletmeciligi

1520 Sokak No. 36, P.O. Box 15, Izmir, TURKEY; PH: 90/51/219180 (4 lines); TLX: 52221 (GML); FAX: 90/51/219181.

CONTACT: Ruso Moris, Man. Dir.

Solvent extraction; crush cap. 600MT/day; storage cap. 20,000MT; crude degummed soybean oil, crude soybean oil, hulls, meal; served by barge, ship and truck. Refining cap. 100MT/day; storage cap. 3,500MT; crude

degummed soybean oil, refined soybean oil; served by barge, ship and truck. Soy flour/soy protein (Industrial grade) full fat; soy oil (Industrial grade).

Marsa Margarin Sanayi

A.S. C R SF IP

Doseme Mahallesi No. 4, P.O. Box 137, Adana 01130, TURKEY; PH: 90/711/15080; TLX: 62234 (MARG TR).

CONTACT: Aziz Koseoglu, Gen. Mgr.

Continuous screw press, solvent extraction; crush cap. 250MT/day; storage cap. 15,000MT; meal; served by truck, rail and ship. Refining cap. 20,000MT/day; crude oil, crude degummed oil, fully refined oil, hydrogenated oil; served by truck, rail and ship. Soy oil products; EVIN, BUKET, USTAM margarine; EVET, SABAH, AKYAG, AKBIS shortening; SAY cooking/salad oil. Soy oil (Industrial grade).

Paksoy Ticaret ve Sanayi

AS ★ C R SF IP

Karatas Yolu 184, P.O. Box 144, Adana, TURKEY; PH: 90/71/210763; TLX: 62739 (SADE TR); FAX: 90/71/211534.

CONTACT: Ibrahim Paksoy, Asst. Gen. Mgr.

Solvent extraction; crush cap. 400MT/day; storage cap. 20,000MT; crude degummed soybean oil, meal; served by rail, ship and truck. Refining cap. 400MT/day; storage cap. 15,000MT; edible soy oil products, hydrogenated soy oil, refined soybean oil; served by rail, truck and ship. Soy flour; soybean oil products, margarine; shortening; cooking/salad oil. Lecithin (Industrial grade).

UNITED STATES OF AMERICA (U.S.A.)

Ag Processing, Inc. ★ C R SF IP

MAIN OFFICE: Burt Plaza, 11717 Burt Street, Suite 2, Omaha, NE, 68154-1581 U.S.A.;

PH: 402/496-7809; FAX: 402/498-2215.

Other Offices: Dawson, MN; Eagle Grove, IA; Sergeant Bluff, IA; Sheldon, IA; St. Joseph, MO; Van Buren, AR; Mason City, IA; Manning, IA

CONTACT: William C. Lester, Vice Pres., Corp. & Govt. Relations

Solvent extraction; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal, white flakes for edible purposes; served by barge, rail and truck.

Crude degummed soybean oil, edible soy oil products; served by barge, rail and truck. Lecithin (edible grade); soy flour; soy grits; soybean oil products, AGSOY cooking/salad oil. Lecithin (Industrial grade); soy flour/soy protein (Industrial grade); soy oil (Industrial grade); soy sterols and tocopherols; soybean fatty acids. CONTACT: Joe Meyer.

Ag Processing, Inc. ★ C
 Kibler Road, P.O. Box 389, Van Buren, AR, 72956-0389 U.S.A.; PH: 501/474-6871.
 CONTACT: Fred Stephenson, Acting Mgr.
 Solvent extraction; meal.

Ag Processing, Inc. ★ C
 N. Commercial Street, P.O. Box 85, Eagle Grove, IA, 50533-0085 U.S.A.; PH: 515/448-4711; TLX: 467762.
 CONTACT: Terry McClatchey, Merch'g. Mgr.
 Solvent extraction; meal.

Ag Processing, Inc. ★ C
 P.O. Box 187, Manning, IA, 51455-0187 U.S.A.; PH: 712/653-3985.
 CONTACT: Cal Meyer, Merch'g. Mgr.
 Solvent extraction; meal.

Ag Processing, Inc. ★ C
 1605 19th Street, S.W., P.O. Box 1068, Mason City, IA, 50401-6334 U.S.A.; PH: 515/423-4733.
 CONTACT: Jerry Moyer, Merch'g. Mgr.
 Solvent extraction; meal.

Ag Processing, Inc. ★ C
 Port Neal Industrial Area, P.O. Box 200, Sergeant Bluff, IA, 51054-0200 U.S.A.; PH: 712/943-4282.
 CONTACT: Rich Lee, Merch'g. Mgr.
 Solvent extraction; meal.

Ag Processing, Inc. ★ C
 804 Second Avenue, P.O. Box 220, Sheldon, IA, 51201-1404 U.S.A.; PH: 712/324-2531.
 CONTACT: Oscar Benson, Merch'g. Mgr.
 Solvent extraction; meal.

Ag Processing, Inc. ★ C
 8th & Diagonal, P.O. Box BB, Dawson, MN, 56232-1020 U.S.A.; PH: 612/769-4386.
 CONTACT: Lenny Miller, Merch'g. Mgr.
 Solvent extraction; meal.

Ag Processing, Inc. ★ C
 900 Lower Lake Road, P.O. Box 427, St. Joseph, MO, 64502-0427 U.S.A.; PH: 816/238-1700.
 CONTACT: Gary Olsen, Merch'g. Mgr.
 Solvent extraction; meal.

Aloha Tofu Factory Inc. ★ SF
 961 Akepo Lane, Honolulu, HI, 96817 U.S.A.; 808/845-2669; FAX: 848-4607.
 CONTACT: Jack Uyehara, Exec. Vice Pres.
 Soyfoods, tofu & tofu products.

Ambrosia Soy Company ★ SF
 199 Saltonstall Pkwy., East Haven, CT, 06512 U.S.A.; PH: 203/467-8821.
 CONTACT: Elizabeth Appel, Pres.
 Soyfoods, soymilk, drinks or beverages; tofu & tofu products; other soy-based foods.

American Lecithin Company SF IP
 P.O. Box 4056, Atlanta, GA, 30302 U.S.A.; PH: 404/522-7060; TLX: 261318 (AMAD); FAX: 404/522-2511.
 CONTACT: Joseph Eichberg, Pres.
 ALCOLEC lecithin (edible grade). ALCOLEC lecithin (Industrial grade) for coatings and cosmetics.

The American Miso Company ★ SF
 Rt. 3, Box 541, Rutherfordton, NC, 28139 U.S.A.; PH: 704/287-2940; FAX: 704/286-0311.
 CONTACT: Donald J. DeBona, Pres.
 Soyfoods, MISO MASTER organic miso.

American Natural Snacks, Inc. ★ SF
 Affiliate of Tree of Life, Inc.
 1755 Lakeside Drive, P.O. Box 1067, St. Augustine, FL, 32084 U.S.A.; PH: 904/825-2039; FAX: 904/825-2024.
 CONTACT: Casey Van Rysdam, Pres.
 Other soy-based foods, SOYA KAAS soy cheese.

American Pride Soyfoods, Inc. SF
 612 W. Kirkwood, Fairfield, IA, 52556 U.S.A.; PH: 515/472-9269.
 CONTACT: Alex Green, Pres.
 Soyfoods, AMERICAN PRIDE tofu & tofu products.

— All Listings Are Free Of Charge —
 Please Contact Soyatech, Inc. for more information

American Soy Products ★ SF

1474 N. Woodland Drive, Saline, MI, 48176
U.S.A.; PH: 313/429-2310; FAX: 313/429-2112.
CONTACT: Ryo Takahashi, Vice. Pres.
Soyfoods, soymilk, drinks or beverages, original, vanilla and carob flavors.

Archer Daniels Midland Company ★ C R SF IP

MAIN OFFICE: 4666 Faries Parkway, P.O. Box 1470, Decatur, IL, 62525 U.S.A.; PH: 217/424-5200; TLX: 25-0121 (ADM CO DTR); FAX: 217/424-5447.

Other Offices: Little Rock, AK; Augusta, Valdosta, GA; Des Moines, IA; Frankfort, IN; Champaign, Galesburg, Granite City, Taylorville, IL; Fredonia, KS; Mankato, MN; N. Kansas City, Mexico, MO; Clarksdale, MS; Fremont, Lincoln, NE; Fostoria, OH; Kershaw, SC; Windsor, Ontario, CANADA (ADM Agri-Industries, Ltd. d/b/a/ Maple Leaf Monarch); Spyck, GERMANY (ADM Oelmuehlen GmbH); Rotterdam, NETHERLANDS (A.D.M. Company Europe); Europoort, NETHERLANDS (A.D.M. Europoort).

CONTACT: John Rice, Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal, white flakes for edible purposes; served by rail. CONTACT: John Rice, Meal & Hulls; Jim Rieman, Crude Oil. **Crude degummed soybean oil, edible soy oil products; served by rail. Lecithin (edible grade); soy concentrates; simulated meat products (analogs); soy flour; textured soy flour; full fat soy flour; soy grits; soybean oil products, margarine, shortening, cooking/salad oil, salad dressing. Lecithin (Industrial grade); soy flour/soy protein (Industrial grade); soy oil (Industrial grade).** **CONTACT:** Jim Stowell.

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Archer Daniels Midland Company ★ C

Foot of E. 9th Street, P.O. Box 30, Little Rock, AR, 72203 U.S.A.; PH: 501/372-0277; TLX: 25-0121 (ADM CO DTR); FAX: 501/372-0276.
CONTACT: Bob Pflaum, Mgr.
Solvent extraction; crude soybean oil, hulls, meal.

Archer Daniels Midland Company ★ C

960 Molly Pond Road, P.O. Box 729, Augusta, GA, 30903 U.S.A.; PH: 404/722-3165; TLX: 25-0121 (ADM CO DTR); FAX: 404/722-3165.
CONTACT: Bob Meisner, Mgr.

Solvent extraction; hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ C

P.O. Box 1589, Valdosta, GA, 31603 U.S.A.; PH: 912/242-0100; TLX: 25-0121 (ADM CO DTR); FAX: 912/242-7422.
CONTACT: Bob Redmon, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ C R

1935 E. Euclid, Des Moines, IA, 50316 U.S.A.; PH: 515/263-3256; TLX: 25-0121 (ADM CO DTR); FAX: 515/263-3282.
CONTACT: Royce Wilken, Mgr.
Solvent extraction; crude degummed soybean oil, hulls, meal; served by rail and truck. CONTACT: Royce Wilken, Mgr. **Crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, refined soybean oil; served by rail and truck. CONTACT:** Jim Stowell.

Archer Daniels Midland Company ★ C

Wilbur Heights Road, P.O. Box 68, Champaign, IL, 61820 U.S.A.; PH: 217/424-5422; TLX: 25-0121 (ADM CO DTR); FAX: 217/424-5447.
CONTACT: John Rice, Mgr.
Solvent extraction; hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ C

1021 S. Henderson Street, P.O. Box 711, Galesburg, IL, 61401 U.S.A.; PH: 309/343-1155; TLX: 25-0121 (ADM CO DTR); FAX: 309/343-0056.
CONTACT: Kevin Burgard, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ C

3601 Cargill Road, Granite City, IL, 62040 U.S.A.; PH: 618/451-2200; TLX: 25-0121 (ADM CO DTR); FAX: 618/451-2230.
CONTACT: Arnie Blackfelner, Mgr.
Solvent extraction; crude soybean oil, hulls, meal.

Archer Daniels Midland Company ★ C

No. Route 48, P.O. Box 388, Taylorville, IL,

★ Updated Listing
Alphabetical By Country

C=Soybean Processor (Crusher)
R=Soybean Oil Refiner

SF=Edible Soy Products/Foods
IP=Industrial Soy Products

62568 U.S.A.; PH: 217/824-3371; TLX: 25-0121 (ADM CO DTR); FAX: 217/824-3371.
CONTACT: Dale Royer, Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ C

Blinn Road, P.O. Box 249, Frankfort, IN, 46041 U.S.A.; PH: 317/654-8426; TLX: 25-0121 (ADM CO DTR); FAX: 317/654-8426.
CONTACT: Dave Marshall, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ C

209 W. Adams Street, P.O. Box 558, Fredonia, KS, 66736 U.S.A.; PH: 316/378-2102; TLX: 25-0121 (ADM CO DTR); FAX: 316/378-4566.
CONTACT: Kirk Hartnett, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ C

Third & Harper Streets, P.O. Box 728, Mankato, MN, 56001 U.S.A.; PH: 507/625-7947; TLX: 25-0121 (ADM CO DTR); FAX: 507/625-8420.
CONTACT: Dan Larson, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ C

400 E. Holt Street, P.O. Box 797, Mexico, MO, 65256 U.S.A.; PH: 314/581-4195; TLX: 25-0121 (ADM CO DTR); FAX: 314/581-2056.
CONTACT: Scott Frederickson, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ C

200 W. 19th Avenue, P.O. Box 12567, N. Kansas City, MO, 64116 U.S.A.; PH: 816/221-2117; TLX: 25-0121 (ADM CO DTR); FAX: 816/221-1468.
CONTACT: Pat Schroder, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ C

Lyon Road, P.O. Box 10, Clarksdale, MS, 38614 U.S.A.; PH: 601/627-9245; TLX: 25-0121 (ADM

CO DTR); FAX: 601/624-8693.
CONTACT: Tommy Simms, Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ C

130 N. Broad, P.O. Drawer D, Fremont, NE, 68025 U.S.A.; PH: 402/721-6798; TLX: 25-0121 (ADM CO DTR); FAX: 402/721-6798.
CONTACT: Jim Hansen, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ C R SF

78th & Thayer, P.O. Box 29268, Havelock Station, Lincoln, NE, 68529 U.S.A.; PH: 402/464-9131; TLX: 25-0121 (ADM CO DTR); FAX: 402/464-3757.
CONTACT: Randy Neumayer, Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail and truck. **CONTACT:** Jim Stowell. Crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail and truck. Lecithin (edible grade); soy oil products, margarine; shortening; cooking/salad oil.

Archer Daniels Midland Company ★ C

608 Findlay Road, P.O. Box 110, Fostoria, OH, 44830 U.S.A.; PH: 419/435-6633; TLX: 25-0121 (ADM CO DTR); FAX: 419/435-6472.
CONTACT: Brian Forster, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ C

427 N. Hampton, Kershaw, SC, 29067 U.S.A.; PH: 803/475-8245; TLX: 25-0121 (ADM CO DTR); FAX: 803/475-8245.
CONTACT: Ray Sertain, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Arrowhead Mills, Inc. SF

110 S. Lawton, P.O. Box 2059, Hereford, TX, 79045 U.S.A.; PH: 806/364-0730; FAX: 806/364-8242.
CONTACT: Boyd Foster, Pres.
Full fat soy flour, 12 and 24 ounce cases and 30 pound bags; whole grain soy flakes, 12

Soybean Processors and Manufacturers of Soy-Based Products

and 1 pound cases. **CONTACT:**
Pete Holcombe.

Ashland Soy Works SF

280 Helman St., Ashland, OR, 97520 U.S.A.;
PH: 503/482-1865.

**Soymilk or drinks; tofu; other various
soy-based foods. CONTACT:** James Muhs.

Avatar Corporation ★ SF

7728 W. 99th Street, Hickory Hills, IL, 60457
U.S.A.; PH: 708/430-4200.

Other Offices: Minneapolis, MN (Warehouse)

CONTACT: Michael L. Shamie, Pres.

LSC 3070, LSC 5040 lecithin (edible grade);

**other soy-based foods, DPO-100, BROWN 'N
SERVE oil (bread pan oils); CO 8020**

(release agents); pharmaceutical grade

triglycerides (soy based). CONTACT:

Matthew Peterschmidt.

Azumaya, Inc. SF

1575 Burke Avenue, San Francisco, CA, 94124
U.S.A.; PH: 415/285-1130; FAX: 415/285-0327.

CONTACT: Jill Mizono, Vice Pres., Mktg.
& Sales

**Soyfoods, tofu, soft, regular & firm soybean
cakes; other soy-based foods, STIR FRUITY
tofu base with fruit, 6 oz. container,
assorted flavors.**

BAR Export/Import, Inc. ★ C SF

205 S. Main Street, P.O. Box 190, Seymour, IL,
61875 U.S.A.; PH: 217/687-4810; TLX: 754477
(BAR EX UD); FAX: 312/948-9630.

CONTACT: Julie Ohlsson, Admin. Asst.

Continuous screw press; crush cap. 10MT/

day; crude degummed soybean oil, meal.

**Soy flour, stone ground, natural; extruded
full fat soy flour.**

See Our Display Ad On Page 195

Barricini Foods, Inc. SF

Affiliate of Farm Foods

49 Old Bloomfield Avenue, Mountain Lakes,
NJ, 07046 U.S.A.; PH: 201/334-0101 or

800/431-5030; FAX: 201/334-1630.

CONTACT: Steve A. Myers, Vice Pres., Sales

**Soyfoods, TOFULITE nondairy frozen des-
serts, plnts and bars; ICE BEAN nondairy
frozen desserts, plnts, quarts, bars and
sandwiches, honey sweetened, nondairy.**

Bean Mountain Foods ★ SF

121 W. Howard Street, Boone, NC, 28607

U.S.A.; PH: 704/264-0890.

CONTACT: John Swann, Pres.

Soyfoods, tempeh, tofu and tofu products.

Best Foods, CPC

International, Inc. ★ SF

International Plaza, P.O. Box 8000, Englewood
Cliffs, NJ, 07632 U.S.A.; PH: 201/894-4000;

TLX: 135440; FAX: 201/894-2186.

CONTACT: Roger Knapp, Dir., Commodity
Purchasing

Soybean oil products, MAZOLA margarine,

MAZOLA cooking/salad oil, HELLMANN'S

and BEST FOODS salad dressing.

Betsy's Tempeh ★ SF

14780 Beardslee Road, Perry, MI, 48872

U.S.A.; PH: 517/675-5213.

CONTACT: Betsy Shipley, Mgr.

Soyfoods, BETSY'S tempeh (grated &

patties). CONTACT: Gunter Pfaff.

Bountiful Bean ★ SF

620 Main Street, P.O. Box 329, Ridgeway,

WI, 53582 U.S.A.; PH: 609/924-1703 or

800/YES-TOFU.

CONTACT: James Lubbe, Planning Coord.

Soyfoods, plain, vanilla & malt flavored

soymilk, drinks or beverages (qt. or gal.

sizes); soybean tempeh; tofu & tofu products

(plain & herbed); other soy-based foods,

hummus with tofu; taboule with tofu; plain &

vanilla flavored soy yogurt; TASTY TOFU

(herbed tofu basted with soy sauce & baked).

CONTACT: Hilary Kamda.

Bunge Corporation ★ C

MAIN OFFICE: 11720 Borman, P.O. Box 28500,

St. Louis, MO, 63146 U.S.A.; PH: 314/872-3030;

FAX: 314/872-0110 or 0111.

Other Offices: Decatur, AL; Marks, Vicksburg,

and Jackson, MS; Cairo and Danville, IL; Empo-

ria, KS; Destrehan, LA; and Logansport, IN

CONTACT: Archie Gwathmey, Vice Pres.

Solvent extraction.

See Our Display Ad On Page 141

Bunge Corporation ★ C

1400 Market Street, N.E., P.O. Box 2248,

Decatur, AL, 35602 U.S.A.; PH: 205/350-4550;

FAX: 205/350-1952.

CONTACT: Jack Thiessen, Dist. Mgr.

Solvent extraction; storage cap. 7,500,000BU

or 204,000MT; animal/livestock feed, crude

degummed soybean oil, crude soybean oil,

hulls, meal; served by barge, rail, and truck.

★ Updated Listing
Alphabetical By Country

C=Soybean Processor (Crusher)
R=Soybean Oil Refiner

SF=Edible Soy Products/Foods
IP=Industrial Soy Products

Bunge Corporation ★ C

203 34th Street, Cairo, IL, 62914 U.S.A.;
PH: 618/734-4141 or 800/851-3810; FAX:
618/734-1515.

CONTACT: Claude J. Rose, District Mgr.
Solvent extraction; crude degummed soy-
bean oil, crude soybean oil, hulls, meal;
served by barge, rail, and truck.

Bunge Corporation ★ C

700 E. Sixth Avenue, P.O. Box 518, Emporia,
KS, 66801 U.S.A.; PH: 316/342-7270; FAX:
316/343-6234.

CONTACT: Tom Schmitt, Dist. Mgr.
Solvent extraction; crush cap. 1,742MT/day;
storage cap. 3.5 millionBU; crude degummed
soybean oil, crude soybean oil, hulls, meal;
served by rail, barge and truck. **CONTACT:**
Jerry Murphy.

Bunge Corporation ★ C

River Road, Destrehan, LA, 70047 U.S.A.;
PH: 504/466-5300.

CONTACT: Frank Miller, Plant Mgr.
Solvent extraction; crude degummed soy-
bean oil, crude soybean oil, hulls, meal;
served by barge, rail, truck.

Bunge Corporation ★ C

1000 N. Mill Street, P.O. Box 1410, Jackson,
MS, 39205 U.S.A.; PH: 601/948-5880.

CONTACT: Jim Brady, Mdsing. Mgr.
Solvent extraction; crude degummed soy-
bean oil, crude soybean oil, hulls, meal;
served by rail, truck.

Bunge Corporation ★ C

520 Cherry Street, Marks, MS, 38646 U.S.A.;
PH: 601/326-2411.

CONTACT: Mickey Lay, District Mgr.
Solvent extraction; crude degummed soy-
bean oil; crude soybean oil, hulls, meal;
served by rail, truck.

Bunge Corporation ★ C

P.O. Box 1378, Vicksburg, MS, 39181 U.S.A.;
PH: 601/326-2411.

CONTACT: Jim Brady, Mdsing. Mgr.
Solvent extraction; crude degummed soy-
bean oil, crude soybean oil, hulls, meal;
served by barge, rail, truck.

Bunge Edible Oil Corporation ★ SF

725 N. Kinzie Avenue, P.O. Box 192, Kankakee,
IL, 60901 U.S.A.; PH: 815/937-8129; TLX:
640059 (BUNGE NYKA); FAX: 815/939-4289.
Other Offices: Bradley, IL; Chattanooga, TN;
Fort Worth, TX

CONTACT: Thomas Pfendler, Vice Pres.
Soy oil products, margarine, shortening,
cooking/salad oil, salad dressing.

C & T Refinery, Inc. ★ R SF

Affiliate of The C. F. Sauer Company
2000 W. Broad Street, Richmond, VA, 23220
U.S.A.; PH: 804/359-5786; TLX: 752-903
(CTRICH); FAX: 804/359-5514.

Other Offices: Charlotte, NC; Greenville, SC
(The C.F. Sauer Co.); Richmond, VA (Dean
Foods Co.)

CONTACT: Robert E. Holden, Vice Pres.
Edible soy oil products, hydrogenated soy
oil. Soybean oil products, margarine;
MASTER CHEF cooking/salad oil; DUKE'S
salad dressing.

Calgene Chemical, Inc. ★ SF IP

Affiliate of Calgene, Inc.
600 E. Algonquin Road, Des Plaines, IL, 60016
U.S.A.; PH: 708/298-4000; TLX: 206168
(AGRO-ING); FAX: 708/298-1519.

CONTACT: Frank J. Flider, Gen. Mgr.
Lecithin (edible grade); soybean oil prod-
ucts, shortening; cooking/salad oil. Lecithin
(Industrial grade); soy oil (Industrial grade).
CONTACT: Ed Trauth.

Capital City Products

Company ★ SF IP

525 W. 1st Avenue, P.O. Box 569, Columbus,
OH, 43216-0569 U.S.A.; PH: 614/299-3131;
TLX: 25494 (CAPCTY PRD COL); FAX:
614/299-2584.

CONTACT: John B. LaFontaine, Pres.
Soy oil products, margarine, shortening,
cooking/salad oil. **CONTACT:** Bill Henke.
Industrial soy oil for paints; soybean fatty
acids for paints and lecithin thinner.
CONTACT: Russell T. McIntyre.

Cargill, Inc. ★

MAIN OFFICE: 15615 McGinty Road West, P.O.
Box 9300, Minneapolis, MN, 55440 U.S.A.;
PH: 612/475-5365; TLX: 29-0794.

Other Offices: Wichita, KS; Des Moines, IA;
Savage, MN; Cedar Rapids, IA; Sioux City, IA;
Iowa Falls, IA; Kansas City, MO; Sidney, OH;
Bloomington, IL; Lafayette, IN; Gainesville, GA;
Fayetteville, NC; Chesapeake, VA; Raleigh, NC;
Buenos Aires, ARGENTINA; Melbourne, AUS-
TRALIA; West Footscray, AUSTRALIA; Queen-
sland, AUSTRALIA; Antwerp, BELGIUM; São
Paulo, SP, BRAZIL; Bootle, Liverpool, Mersey-
side, ENGLAND; Brest, FRANCE; St. Nazaire,
FRANCE; Amsterdam, NETHERLANDS;
Madrid, SPAIN

CONTACT: John March, Exec. Vice Pres.

Soybean Processors and Manufacturers of Soy-Based Products

Cargill, Inc. ★ C R

949 Ridge Road, P.O. Box 1298, Gainesville, GA, 30503 U.S.A.; PH: 404/531-4700.

CONTACT: Wayne Tiddy, Acct. Mgr.
Solvent extraction. Fully refined oil, hydrogenated oil.

Cargill, Inc. ★ C R SF IP

411 6th Street N.E., P.O. Box 1748, Cedar Rapids, IA, 52406 U.S.A.; PH: 319/399-4000.

CONTACT: Larry Fogdall
Solvent extraction. Soy flour; soy grits. Soy flour/soy protein (Industrial grade).

Cargill, Inc. ★ C R

3030 S.E. Granger, P.O. Box 1636, Des Moines, IA, 50306 U.S.A.; PH: 515/263-3115.

CONTACT: Bruce Leslie, Acct. Mgr.
Solvent extraction. Fully refined oil.

Cargill, Inc. ★ C

P.O. Box 788, Iowa Falls, IA, 50126 U.S.A.; PH: 515/648-5101.

CONTACT: Ted Williams
Solvent extraction.

Cargill, Inc. ★ C R

980 Clark Street, Sioux City, IA, 51102 U.S.A.; PH: 712/279-1220.

CONTACT: Doug Debelak
Solvent extraction. Fully refined oil, hydrogenated oil.

Cargill, Inc. ★ C R SF IP

P.O. Box 1286, Bloomington, IL, 61702 U.S.A.; PH: 309/827-7100.

CONTACT: Dave Cyrus, Mgr.
Solvent extraction. Soy grits. Soy flour/soy protein (Industrial grade); soy oil (Industrial grade).

Cargill, Inc. ★ C R SF IP

P.O. Box 119, Lafayette, IN, 47902 U.S.A.; PH: 317/423-1511.

CONTACT: John Bill
Solvent extraction. Soy grits. Soy flour/soy protein (Industrial grade); soy oil (Industrial grade).

Cargill, Inc. ★ C R

1501 N. Mosley, P.O. Box 2696, Wichita, KS, 67201 U.S.A.; PH: 316/292-2380.

CONTACT: Doug Debelak, Acct. Mgr.
Solvent extraction. Fully refined oil, hydrogenated oil.

Cargill, Inc. ★ C

DSP Division, 12115 Lynn Avenue, So., Savage, MN, 55378 U.S.A.; PH: 612/894-3190.

CONTACT: Ron Scarborough, Mdsing. Mgr.
Solvent extraction.

Cargill, Inc. ★ C

2306 Rochester Avenue, P.O. Box 33413, Kansas City, MO, 64120 U.S.A.; PH: 816/245-0500.

CONTACT: Curt Johnson, Acct. Mgr.
Solvent extraction.

Cargill, Inc. ★ C R

River Road, P.O. Box 2309, Fayetteville, NC, 28302 U.S.A.; PH: 919/433-4900.

CONTACT: Bob Drake
Solvent extraction. Fully refined oil.

Cargill, Inc. ★ C

P.O. Box 26987, Raleigh, NC, 27611 U.S.A.; PH: 919/899-6600.

CONTACT: Doug Fink
Solvent extraction.

Cargill, Inc. ★ C

2400 Industrial Drive, Sidney, OH, 45365 U.S.A.; PH: 513/498-4551.

CONTACT: Mike Venker, Acct. Mgr.
Solvent extraction.

Cargill, Inc. ★ C

P.O. Box 7506, Chesapeake, VA, 23324 U.S.A.; PH: 804/545-8461.

CONTACT: Jim Bohlander
Solvent extraction.

Cemac Foods Corporation ★ SF

90 West Street, New York, NY, 10006 U.S.A.; PH: 212/964-8740; TLX: 232098 or 62849 or 420538 (BERN UR); FAX: 212/791-1863.

CONTACT: Thomas W. May, Vice Pres.
Soyfoods, tofu products; other soy-based foods.

Central Soya

Company, Inc. ★ C R SF IP

MAIN OFFICE: 1300 Fort Wayne National Bank

— SOYATECH PUBLICATIONS —

SOYA INTERNATIONAL (Quarterly) SOYA BLUEBOOK (Annual)

Bldg., P.O. Box 1400, Fort Wayne, IN, 46801-1400 U.S.A.; PH: 219/425-5100; TLX: 276170 (CENSOYA FWA A); FAX: 219/425-5153.
Other Offices: Indianapolis, IN; Bellevue, OH; Delphos, OH; Marion, OH; Chattanooga, TN; Decatur, IN; Gibson City, IL; Utrecht, NETHERLANDS.
CONTACT: Barry G. Collinsworth, Corp. Comm. Mgr.

Central Soya Company, Inc. ★
 Rts. 47 & 9, Box 112, Gibson City, IL, 60936 U.S.A.; PH: 217/784-8261.
CONTACT: John Lobe
 Solvent extraction; meal, hulls, crude degummed oil; served by truck and rail.
CONTACT: Gary Hammond. CENTROCAP lecithin (edible grade); SOYARICH soy flour; PROMOSOY, PROCON, RESPONSE and textured PROCON soy concentrates; CENTEX and MIRATEX textured soy flour. CENTRO-MIX lecithin (industrial grade) for paint, ink and animal feed. **CONTACT:** John Lobe.

Central Soya Company, Inc. ★ C R SF
 1200 N. 2nd Street, P.O. Box 1002, Decatur, IN, 46733-5002 U.S.A.; PH: 219/724-2101; TLX: 6711149 (CENSOY UW).
CONTACT: Jeff Fritz
 Solvent extraction; meal, hulls, crude oil, crude degummed oil, served by truck and rail. **CONTACT:** Jeff Fritz Fully refined oil, hydrogenated oil; served by truck and rail. **CONTACT:** Gary Chenoweth, PH: 219/425-5609. CENTROPHASE, CENTROLENE, BLENDMAX, CENTROL, ACTIFLO liquid lecithins (edible grade). **CONTACT:** Charles T. Worrall, PH: 219/425-5361.

Central Soya Company, Inc. ★ C
 1160 W. 18th Street, P.O. Box 44570, Indianapolis, IN, 46244 U.S.A.; PH: 317/632-8441.
CONTACT: Gordon Denny
 Solvent extraction; meal, hulls, crude degummed oil; served by truck and rail.

Central Soya Company, Inc. ★ C R SF IP
 605 Goodrich Road, P.O. Box 369, Bellevue, OH, 44811 U.S.A.; PH: 419/483-5340.
CONTACT: Ralph Enstad
 Solvent extraction; meal, hulls, crude degummed oil; served by truck and rail.
CONTACT: Ralph Enstad. Crude degummed oil, once refined oil, fully refined oil; served by truck and rail. **CONTACT:** Dan Kramer, PH: 291/425-5752. CENTROLEX granules, CENTROPHIL liquid, CENTROL liquid lecithins

(edible grade). **CONTACT:** Charles T. Worrall, PH: 219/425-5361. **Industrial soy oil.**
CONTACT: Dan Kramer, PH: 219/425-5752.

Central Soya Company, Inc. ★ C
 234 S. Jefferson Street, P.O. Box 485, Delphos, OH, 45833 U.S.A.; PH: 419/692-6010.
CONTACT: Noel Kimmel
 Solvent extraction; meal, hulls, crude oil; served by truck and rail.

Central Soya Company, Inc. ★ C R
 Judd Road, P.O. Box 5067, Chattanooga, TN, 37406 U.S.A.; PH: 615/629-7341.
CONTACT: Bob Weatherly
 Solvent extraction; meal, hulls, crude oil; served by truck, rail and barge. **CONTACT:** Bob Weatherly. Fully refined oil, hydrogenated oil; served by truck, rail and barge.
CONTACT: Steve O'Nan, PH: 219/425-5744.

Central Valley Vegetable Oils C R SF
 2838 Leonis Blvd., P. O. Box 60863, Los Angeles, CA, 90058-863 U.S.A.; PH: 213/587-5952; TLX: 691556 (PROIN LSA).
CONTACT: Jaime Ruiz
 Continuous screw press; animal/livestock feed, crude oil; served by truck. MANCAO margarine (cocoa butter substitute).

W. A. Cleary Products, Inc. ★ SF IP
 1049 Somerset Street, P.O. Box 10, Somerset, NJ, 08873 U.S.A.; PH: 201/247-8000; FAX: 201/247-6977.
CONTACT: Margaret A. Cleary, Pres.
 Lecithin (edible grade). Lecithin (industrial grade).

Clofine Dairy & Food Products, Inc. ★ SF
 1407 New Road, Box 335, Linwood, NJ, 08221 U.S.A.; PH: 609/653-1000; TLX: 132622 (CLOFINE DAIRY); FAX: 609/653-0127.
CONTACT: Edward Pedrick, Specialty Prod.
 Soyfoods, soymilk, drinks or beverages; frozen desserts; tofu; other soy-based foods, spray dried tofu; dry tofu bases for frozen desserts, beverages, baking and salad dressings.

See Our Display Ad On Page 70

Colfax, Inc. ★ R SF
 MAIN OFFICE: 38 Colfax Street, Pawtucket, RI, 02860 U.S.A.; PH: 401/724-3800; FAX: 401/724-4313.

Soybean Processors and Manufacturers of Soy-Based Products

Other Offices: Philadelphia, PA
CONTACT: Michael B. Dressler, Treas.
Refining cap. 600MT/day; **storage cap.** 4,500MT; **once refined oil, fully refined oil, hydrogenated oil; edible soy oil products; COLFAX and private labels shortening and cooking/salad oil.**

Colfax of Philadelphia, Inc. ★ R SF
2500 E. Tioga Street, Philadelphia, PA, 19134
U.S.A.; PH: 215/423-4242; FAX: 215/423-2231.
CONTACT: Gary R. Dressler, Mgr.
Crude degummed oil, once refined oil, fully refined oil, cooking/salad oil; served by truck, barge, rail and ship. COLFAX, YOLANDA, POPSIT PLUS soy oil products.

Comshipco International, Inc. ★ C
7760 France Avenue, South, Suite 850, Minneapolis, MN, 55435 U.S.A.; PH: 612/831-6855; TLX: 6879112 (CMSHP); FAX: 612/831-6443.
Other Offices: Enderlin, ND—National Sun Industries, Inc. (plant)
CONTACT: John Burritt, Exec. Vice Pres.
Continuous screw press; crush cap. 820MT/day; storage cap. 600,000BU; crude degummed soybean oil; served by truck and rail. CONTACT: Don Lemm.

Continental Grain Company ★
MAIN OFFICE: 277 Park Avenue, New York, NY, 10172 U.S.A.; PH: 212/207-5530; FAX: 212/207-5261.
Other Offices: Guntersville, AL.
CONTACT: Ronald L. Anderson, Sr. Vice Pres. & Gen. Mgr.

Continental Grain Company, Processing Division ★ C
2900 Lake Guntersville Park Drive, Guntersville, AL, 35976 U.S.A.; PH: 205/582-9924.
CONTACT: William H. Yochum
Solvent extraction; crush cap. 1,400MT/day; storage cap. 3,000,000BU; meal, hulls, crude oil, crude degummed oil; served by truck, rail and barge.

Conway Oil Company ★ R SF IP
1405 W. Washington Street, Denison, TX, 75020 U.S.A.; PH: 214/465-3655; FAX: 214/465-2705.
CONTACT: John R. Davis, Pres.
Refining cap. 400MT/day; storage cap. 20,000MT; edible soy oil products, refined soybean oil, hydrogenated soy oil; served by truck and rail. Soybean oil products, margarine; shortening; cooking/salad oil; salad dressing. Soy oil (Industrial grade); soy

sterols & tocopherols; soybean fatty acids. CONTACT: Andy Wilson.

Cricklewood Soyfoods SF
RD #1, Box 161, Mertztown, PA, 19539 U.S.A.; PH: 215/682-4109.
CONTACT: Karl Krummenoehl, Pres.
Soyfoods, tempeh; other soy-based foods, BALANCE BURGER/CUTLET.

Patrick Cudahy Inc. ★ R SF
3500 E. Barnard Avenue, P.O. Box 9990, Cudahy, WI, 53110 U.S.A.; 414/744-2000; TLX: 269455; FAX: 414/744-4213.
CONTACT: Dean Jacobson, Edible Oil Mgr.
Refining cap. 200MT/day; storage cap. 1,000MT; edible soy oil products, hydrogenated soy oil, industrial oil products; served by rail & truck. Soybean oil products, shortening.

Custom Food Products, Inc. ★ SF
730 N. Albany Avenue, Chicago, IL, 60612 U.S.A.; PH: 708/722-7500.
CONTACT: James W. Jones, Pres.
Other soy-based foods, dry gravy bases; binders for meat products.

Dairyland Products, Inc. SF
5345 W. 125th Street, Savage, MN, 55378 U.S.A.; PH: 612/890-5305; FAX: 612/890-6638.
CONTACT: Thomas C. Sando, Pres.
Isolated soy proteins; soyfoods.

Davisco ★ SF
119 W. Broadway, St. Peter, MN, 56082 U.S.A.; PH: 507/931-3160; FAX: 507/931-3185.
CONTACT: Allan Routh
Soyfoods, SOY-SUPREME soymilk, drinks or beverages; spray-dried tofu & tofu products; other soy-based foods, spray-dried tofu & soymilk powders to be used as food-industry ingredients.

Eastman Chemical Company ★ SF IP
Eastman Road, P.O. Box 511, Kingsport, TN, 37664 U.S.A.; PH: 615/229-4322; TLX: 4995088 (TEC ECPI); FAX: 615/229-1127.
Other Offices: Rochester, NY (DPI)
CONTACT: Thomas Fields, Sr.
**Purchasing Engr.
Soy sterols & tocopherols.**

Eden Foods, Inc. ★ SF
701 Tecumseh Road, Clinton, MI, 49236 U.S.A.; PH: 517/456-7424; FAX: 517/456-7025.

★ Updated Listing
Alphabetical By Country

C=Soybean Processor (Crusher)
R=Soybean Oil Refiner

SF=Edible Soy Products/Foods
IP=Industrial Soy Products

Other Offices: Saline, MI (American Soy Products)

CONTACT: Ron Roller, Pres.

Soyfoods, EDENSOY soymilk, drinks or beverages.

Ener-G Foods, Inc. SF IP

5960 1st Avenue So., P.O. Box 84487, Seattle, WA, 98124 U.S.A.; PH: 206/767-6660 or 800/331-5222; FAX: 206/767-4088.

CONTACT: Sam M. Wylde, Chman.

Textured soy flour; full fat soy flour; soy fiber; soy grits; soy oil products, shortening; cooking/salad oil; soyfoods, SOYQUICK soymilk, drinks or beverages. Soy flour/soy protein (Industrial grade), full fat; soy oil (Industrial grade).

Energy Sprouts & Texas Tofu SF

3602 High Point, San Antonio, TX, 78217 U.S.A.; PH: 512/654-3963; FAX: 512/654-3989.

CONTACT: Bob Phipps, Pres.

Soyfoods, tofu & tofu products; other soy-based foods, soy sprouts.

Fantastic Foods Inc. SF

106 Galli Drive, Novato, CA, 94949 U.S.A.; PH: 415/883-7718; TLX: 705077 (FANTASTIC UD); FAX: 415/883-5129.

CONTACT: Gail Hartman, R & D Mgr.

Other soy-based foods, TOFU SCRAMBLER, TOFU BURGER, TOFU CLASSICS (3 flavors), tofu helpers; FANTASTIC NOODLES (miso flavor).

Fearn Natural Foods SF

Affiliate of Modern Products, Inc.

3015 W. Vera Avenue, P.O. Box 09398, Milwaukee, WI, 53209 U.S.A.; PH: 414/352-3333; FAX: 414/352-4478.

CONTACT: Anthony Palermo, C.E.O.

FEARN lecithin (edible grade), liquid & granular; FEARN isolated soy proteins; simulated meat products (analogues); textured soy flour; full fat soy flour; soy grits.

Food Ingredients, Inc. SF

1550 E. Higgins Road, Suite 130, P.O. Box 1557, Elk Grove Village, IL, 60009-1557 U.S.A.; PH: 708/439-3200; TLX: 206804 (FOOD ING); FAX: 708/439-9634.

CONTACT: Robert A. Leonard, Exec. Vice Pres.

HI PRO full fat soy flour.

The Food Plant ★ SF

2889 Tradeswest, Santa Fe, NM, 87501 U.S.A.; PH: 505/471-8979.

CONTACT: Richard Jennings, Dir.

Soyfoods, SOY LECHE soymilk, drinks or beverages; SOUTHWEST SOY, SANTA FE HARVEST tofu & tofu products; other soy-based foods, secondary soy products (i.e. tofu meat analogs).

Fresh Tofu Inc. ★ SF

900 Line Street, P.O. Box 1125, Easton, PA, 18042 U.S.A.; PH: 215/258-0883.

CONTACT: Richard Jennings, Dir.

Soyfoods, tofu & tofu products.

Galaxy Cheese SF

R.D. #3, North Gate Industrial Park, P.O. Box 5204, New Castle, PA, 16105 U.S.A.; PH: 412/656-1102 or 800/441-9419; FAX: 412/656-9270.

CONTACT: Albert Morini, Vice Pres., Sales

Other soy-based foods, cheese substitutes.

Gateway Food Products Company SF

1728 N. Main Street, P.O. Box 278, Dupo, IL, 62239 U.S.A.; PH: 314/231-9932.

CONTACT: Carroll Crosley, Pres.

Soybean oil products, shortening; cooking/salad oil.

General Spice, Inc. ★ SF

238 St. Nicholas Avenue, P.O. Box 394, South Plainfield, NJ, 07080 U.S.A.; PH: 201/753-9100; TLX: 710-997-9547 (SOPH); FAX: 201/753-9635.

Other Offices: Malden, MA; Detroit, MI

CONTACT: Karl H. Brand, Pres.

Soy concentrates, texturized; BAKOTEX and SOTEX simulated meat products (analogues), colored, uncolored, flavored & fortified available; textured soy flour, colored, uncolored, flavored & fortified available; soy grits, formulated into various other products; soyfoods, other soy-based foods, PATTY BINDERS, seasoned & unseasoned, colored & uncolored, & fortified if necessary.

CONTACT: Werner F. Hiller, Exec. Vice Pres.

Goods Inc./Mainland

Oriental Express SF

4264 Shoreline Drive, P.O. Box 405, Spring Park, MN, 55384 U.S.A.; PH: 612/471-8034; FAX: 612/471-8037.

CONTACT: Robert Housman, C.E.O.

Soybean oil products, KENNEDY salad dressing; soyfoods, MAINLAND EXPRESS soymilk, drinks or beverages; frozen desserts; MAINLAND EXPRESS tofu & tofu products.

Grain Processing Corporation SF

1600 Oregon Street, Muscatine, IA, 52761
U.S.A.; PH: 319/264-4278; FAX: 319/264-4289.
CONTACT: Tom Wiesner, Protein Prod. Coord.
PRO-FAM isolated soy proteins; 15 products with wide range of functionality; other soy-based foods, PRO-FAM hydrolyzed vegetable protein; hydrolyzate for use in processed meats.

Grain States Soya, Inc. ★ C R IP

P.O. Box 157, West Point, NE, 68788 U.S.A.;
PH: 402/372-2429.
CONTACT: Mark R. Knobbe, Gen. Mgr.
Continuous screw press; crush cap. 85MT/day; storage cap. 205MT; crude degummed soybean oil, crude soybean oil, soybean cake, meal; served by truck. Refining cap. 20 MT/day; storage cap. 250MT; crude degummed soybean oil, industrial oil products; served by truck. Full fat soy flour/soy protein (industrial grade). CONTACT: Mark R. Knobbe, Gen. Mgr.

Hahn's SF

1 Quail Run, So. Burlington, VT, 05403 U.S.A.;
PH: 802/862-2393.
CONTACT: Walter Hildebrandt, Pres.
Soyfoods.

Howard Hall International SF

223 E. Putnam Avenue, P.O. Box 199, Cos Cob, CT, 06807 U.S.A.; PH: 203/869-4504; TLX: 6819012 (HALL UW); FAX: 203/869-1439.
CONTACT: Howard E. Hall, Pres.
HIGH FIBER MICROSOY soy fiber.

Hawaiian Miso & Soy Co., Ltd. ★ SF

1714 Mary Street, Honolulu, HI, 96819 U.S.A.;
PH: 808/841-7354.
CONTACT: William T. Higa, Pres.
Soyfoods, SHIRO KOJI miso.

HIPro Food Products, Inc. ★ SF

775 Colorado Avenue So., Minneapolis, MN, 55416 U.S.A.; PH: 612/545-0151; FAX: 612/545-1638.
Other Offices: New Germany, MN (plant)
CONTACT: Robert F. Cross, Pres.
Full fat soy flour; full fat soy grits; both available as enzyme active or stabilized (trypsin inhibitor inactivated).

Homestyle Foods SF

2317 Bluebell Drive, Santa Rosa, CA, 95403-2552 U.S.A.; PH: 707/525-8822; FAX: 707/578-3205.
CONTACT: David Burns, Vice Pres./Gen. Mgr.

Soyfoods, frozen desserts; tempeh; tofu & tofu products; other soy-based foods, tofu & tempeh salads & frozen entrees; tofu desserts; dip & dressings.

Honeymead Products Company ★ C R SF IP

Affiliate of Harvest States Cooperatives
2020 S. Riverfront Drive, P.O. Box 3247, Mankato, MN, 56002 U.S.A.; PH: 507/625-7911; TLX: 290867 (HONEYMEAD MAKO); FAX: 507/345-2254.

CONTACT: Dave Schostag, Asst. Vice Pres., Oil
Solvent extraction; crush cap. 2,400MT/day; storage cap. 3,000,000MT; animal/livestock feed, hulls, meal, white flakes for edible purposes; served by truck and rail. CONTACT: Gaylen Ferley, Refining cap. 680MT/day; storage cap. 8,000 MT; edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by truck and rail. **Lecithin (edible grade); soy flour; soy flakes; soybean oil products, margarine, shortening, cooking/salad oil, salad dressing (all sold in bulk). Lecithin (industrial grade); soy flour/soy protein (industrial grade); soy oil (industrial grade). CONTACT:** Ed Senska (for flour).

House Foods & Yamauchi, Inc. ★ SF

526 Stanford Avenue, Los Angeles, CA, 90013 U.S.A.; PH: 213/624-3615; FAX: 213/612-0281.
CONTACT: Harry Tanikawa, Sales Mgr.
Soyfoods, HINOICHI soymilk, drinks or beverages; tofu.

Houston Calco Inc. ★ C SF

2400 Dallas Street, Houston, TX, 77003 U.S.A.; PH: 713/236-8668; FAX: 713/236-1920.
Continuous screw press; storage cap. 25 MT; meal; served by truck. CONTACT: Amy Huang, **Soyfoods, tofu & tofu products.**

HYBCO, U.S.A. SF

333 S. Mission Road, Los Angeles, CA, 90033 U.S.A.; PH: 213/269-3111; TLX: (RCA) 215485 (HYBC); FAX: 213/269-3130.
CONTACT: David Kashani, Man. Dir.
Soy oil products, margarine; shortening; cooking/salad oil; salad dressing.

INARI, Ltd. (International Nutrition & Resources, Inc.) ★ SF

200 State Street, Mason, MI, 48854 U.S.A.; PH: 517/676-3836; FAX: 517/676-6721.
CONTACT: Charles Follett, Pres.
Soyfoods, NUTTY NUGGETS soynuts (whole

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IP=Industrial Soy Products

soybean snacks), flavored and confection coated; other soy-based foods, soynut butter, paste made from ground soynuts.

Island Spring, Inc. ★ SF

18846 103 S.W., P.O. Box 747, Vashon, WA, 98070 U.S.A.; PH: 206/463-9848; FAX: 206/622-6448.

CONTACT: W.M. Luke Lukoskie, CEO
Soyfoods, ISLAND SPRING plain soymilk; AURORA DELIGHT frozen desserts, five flavors; tofu, five types; other soy-based foods, ISLAND SPRING tofu burgers, ISLAND SPRING tofu pasta.

JFC International Inc. SF

Affiliate of Kikkoman Corporation, Japan
540 Forbes Blvd., P.O. Box 7251, San Francisco, CA, 94120 U.S.A.; PH: 415/871-1660; FAX: 415/952-3272.

Other Offices: Los Angeles, CA; Chicago, IL; New York, NY (Tokyo Foods, Mfg.)

CONTACT: Thomas Sugihara, Vice Pres., Mktg. Mgr.

Soyfoods, tofu & tofu products.

Kapaa Poi Factory ★ SF

RR 1 Box 366, Kapaa/Kauai, HI, 96746 U.S.A.; PH: 808/822-5426.

Soyfoods, tofu & tofu products.

Kikkoman Foods, Inc. ★ SF

Hwy. 14 & Six Corners Road, P.O. Box 69, Wauwatosa, WI, 53184 U.S.A.; 414/275-6181; FAX: 414/275-9452.

CONTACT: William Nelson, Asst. Vice Pres.
Soyfoods, KIKKOMAN soy sauce; other soy-based foods, KIKKOMAN teriyaki sauce.

Kraft Food Ingredients

Corporation ★ R SF

Affiliate of Kraft General Foods
6410 Poplar Avenue, P.O. Box 398, Memphis, TN, 38101 U.S.A.; PH: 901/766-4368; FAX: 901/766-2120.

Other Offices: Memphis, TN; Sherman, TX; Jacksonville, IL; Champaign, IL

CONTACT: W. D. Cox, Vice Pres.

Oil Procurement

Refined soybean oil, hydrogenated soy oil; served by truck and rail. Soybean oil products, margarine; shortening; cooking/salad oil; salad dressing.

Lauhoff Grain Company C R SF

Affiliate of Bunge Corporation
321 E. North Street, P.O. Box 571, Danville, IL, 61834 U.S.A.; PH: 217/442-1800.

CONTACT: Richard T. Pittelkow, Pres.

Solvent extraction; crush cap. 3000MT/day; storage cap. 12,000,000BU; crude soybean oil, hulls, meal; served by truck and rail. Refining cap. 550MT/day; storage cap. 6800MT; crude nondegummed soybean oil; served by rail and truck. CONTACT: Robert L. Linm.
Soy flour; soy fiber; soy grits. CONTACT: Doug Marlatt.

Lee Seed Company, Inc. SF

RR1, P.O. Box 14, Inwood, IA, 51240 U.S.A.; PH: 712/753-4403.

CONTACT: Joyce Lee, Pres.

Soyfoods, SUPER SOYNUITS whole soybean snacks (soynuts), 10 flavors, available packaged or bulk.

Legume, Inc. SF

116 Fairfield Road, Fairfield, NJ, 07006 U.S.A.; PH: 201/882-9190.

CONTACT: Gary Barat

Soy oil products, light salad dressings; light mayo-spread; soyfoods, LEGUME tofu frozen entrees and desserts, BARAT tofu chocolate; other soy-based foods, whipped mousse pies; TOFUUFFINS (raisin bran & blueberry).

Lever Brothers Company SF

Affiliate of Unilever, London & Rotterdam
390 Park Avenue, 4th Floor, New York, NY, 10022 U.S.A.; PH: 212/906-4743; TLX: (MCI/RCA) 666113 (LBCOM); FAX: 212/644-4980.

CONTACT: David Italiaander, Mgr., Fats & Oil Trading

Soy oil products, IMPERIAL, PROMISE, SHEDD'S SPREAD, MRS. FILBERTS, I CAN'T BELIEVE IT'S NOT BUTTER margarine.

Light Foods, Inc. ★ SF

4589 Clearbrook Drive, St. Charles, MO, 63303 U.S.A.; PH: 314/447-5433.

Other Offices: Clinton, WA

CONTACT: Donna Davis, Secy./Treas.

Soyfoods, LIGHT LINKS, NEW LIGHT LINKS, LINK SPECIALS, LIGHT LONEY, TOFU BROWNSERS, simulated meat products (analogs).

Loma Linda Foods ★ SF

Affiliate of Nutricia
11503 Pierce Street, Riverside, CA, 92505 U.S.A.; PH: 714/687-7800; FAX: 714/689-5124.

Other Offices: Mt. Vernon, OH

CONTACT: Barbara Rumpff, Mktg. Consultant
Soyfoods, other soy-based foods, SOYALAC and I-SOYALAC infant formula.

Soybean Processors and Manufacturers of Soy-Based Products

Lou Ana Foods, Inc. ★ R SF IP

Affiliate of Schad Industries, Inc.

731 N. Railroad Avenue, P.O. Box 591, Opelousas, LA, 70570 U.S.A.; PH: 318/948-6561; TLX: 58-6645 (LAF/OPLS); FAX: 318/942-6239.

Other Offices: Kingwood, TX

CONTACT: James Boswell, Vice Pres., Indus. Sales

Edible soy oil products, refined soybean oil, hydrogenated soy oil, industrial oil products; served by truck, ship and rail. Soybean oil products, LOU ANA cooking/salad oil (bulk, institutional and retail). Soy oil (industrial grade).

Loveland Industries, Inc. IP

14520 Weld Co Road #64, P.O. Box 1289, Greeley, CO, 80632 U.S.A.; PH: 303/356-8920; FAX: 303/356-8926.

CONTACT: Larry Jenkins

Lecithin (industrial grade); soy oil (industrial grade).

Lucas Meyer, Inc. ★ SF IP

Affiliate of Lucas Meyer GMBH & Company
765 E. Pythian Avenue, P.O. Box 2275, Decatur, IL, 62526 U.S.A.; PH: 217/875-3660; TLX: 404387 (MYER DTR); FAX: 217/877-5046.

CONTACT: Roland Goodman, Dir. Mktg. & Sales

M-C-THIN, EPIKURON, METARIN lecithin (edible grade); NURUPAN soy flour; full fat soy flour; soy fiber; NURUPAN soy grits; soyfoods, NURULAT soymilk, drinks or beverages. LECIWET, EMULMETIK, COLOROL, FORBEST, M-C-THIN lecithin (industrial grade).

Lumen Food Corporation ★ SF

409 Scott Street, P.O. Box 350, Lake Charles, LA, 70601 U.S.A.; PH: 318/436-6748; FAX: 318/436-1769.

CONTACT: Greg Caton, Pres.

HEARTLINE MEATLESS MEATS, CAJUN JERKY simulated meat products (analog).

Mallet & Company, Inc. ★ SF

Bell Avenue & Roslyn Road, P.O. Box 474, Carnegie, PA, 15106 U.S.A.; PH: 412/276-9000; FAX: 412/276-9002.

CONTACT: Aaron E. Margolis, Exec. Vice Pres.

Soybean oil products, SATIN GLO, PRIME FRY, FRY WELL shortening; MELLO GOLD, MELLOW SUPREME cooking/salad oil; soyfoods, other soy-based foods, PAN & GRIDDLE GOLD, GOURMET, SUNSHINE, POPNGOLD & SPARKLE popcorn oils; VEGALUBES bread pan oils; THRIFTEE cake depanning compounds; bread divider oils;

trough greasers. CONTACT: F. Sichok or G. Bast.

Mandarin Soy Sauce, Inc. ★ SF

419 North Street, Middletown, NY, 10940 U.S.A.; PH: 914/343-1505; FAX: 914/343-0731.

CONTACT: Michael Wu, Vice Pres.

Soyfoods, soy sauce; other soy-based foods, hoisin sauce, bean sauce.

Marshall Labs, Inc. SF IP

103 N. 8th Street, Marshall, MN, 56258 U.S.A.; PH: 507/537-1561.

CONTACT: Steve Brudvig, Tech. Dir.

Soymilk or drinks; tofu; soy based food ingredients. CONTACT: Steve Brudvig, Tech. Dir. **Soy flour/soy protein (industrial grade).**

Miami Margarine Company SF

5226 Vine Street, Cincinnati, OH, 45217 U.S.A.; PH: 513/242-2310; FAX: 513/242-2310.

CONTACT: Jim Heidrich, CEO

Soy oil products, soy oil margarine, various sizes; soy cooking/salad oil, various sizes; salad dressing, various sizes. CONTACT: Bob Clark, Pres.

Mighty Soy, Inc. ★ SF

1227 S. Eastern Avenue, Los Angeles, CA, 90022 U.S.A.; PH: 213/266-6969.

CONTACT: Maung Myint, Pres.

Soyfoods, soymilk, drinks or beverages; tofu & tofu products.

Miller Farms Food Co., Inc. ★ SF

314 Main Street, Cedar Falls, IA, 50613 U.S.A.; PH: 319/277-8600 or 800/747-8605 (to order); FAX: 319/266-8544.

Other Offices: Manning, IA (mfg.)

CONTACT: Robbins W. Fischer, Pres.

Soyfoods, SOLAIT powdered soymilk beverage (24 oz. jars or 60 lb. bulk pake); CREME D'SOY powdered soy-based creamer (24 oz. jars or 60 lb. bulk pake).

Miyako Oriental Foods, Inc. ★ SF

Affiliate of Yamajirushi—Jyoza K.K., Japan
4287 Puente Avenue, Baldwin Park, CA, 91706 U.S.A.; PH: 818/962-9633; FAX: 818/814-4569.

CONTACT: Teruo Shimizu, Vice Pres.

Soyfoods, COLD MOUNTAIN, YAMAJIRUSHI miso.

Morinaga Nutritional

Foods, Inc. ★ SF

5800 South Eastern Ave., #270, Los Angeles, CA, 90040 U.S.A.; PH: 213/728-4325; FAX: 213/726-3035.

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IP=Industrial Soy Products

CONTACT: Arthur Mio, Nat'l Sales Mgr.
Soyfoods, MORI-NU aseptically
packaged tofu.

Nasoya Foods ★ SF

23 Jytek Pk., P.O. Box 841, Leominster,
MA, 01453 U.S.A.; PH: 508/537-0713;
FAX: 508/537-9790.

CONTACT: John Paino, Pres.

Soyfoods, soymilk, drinks or beverages;
tofu; other soy-based foods, vegi dressings;
vegi-dips; NAYONAISE.

National Sun Industries, Inc. C

7760 France Avenue, So., Suite 850, Minneapo-
lis, MN, 55435 U.S.A.; PH: 612/831-6855;
TLX: 6879112 (CMSHP); FAX: 612/831-6443.

Other Offices: Enderlin, ND (Plant)

CONTACT: John Burritt, Exec. Vice
Pres., Mkting.

Continuous screw press, solvent extraction;
crush cap. 800MT/day; storage cap.
600,000BU; crude soybean oil, meal; served
by rail and truck. **CONTACT:** Don Lemm.

Natural Pacific Tofu C-SF

153 Makaala Street, P.O. Box 11001, Hilo, HI,
96721 U.S.A.; PH: 808/735-3220.

CONTACT: Tyler Katibah, Owner

Hydraulic press, storage cap. 700BU.
Soyfoods, tofu; miso; salad dressing; tofu &
tofu products, tofu snacks, tofu dip.

Ne-Tex Cooperative Oil Mill ★ C

305 N. Santa Fe, P.O. Box 139, Wolfe City,
TX, 75496 U.S.A.; PH: 214/496-2281; FAX:
214/496-7212.

CONTACT: Robert Williams, Mgr.

Solvent extraction, crush cap. 200MT/day;
storage cap. 500,000BU; meal, crude oil;
served by truck and rail.

**Nichii Company of
America, Inc. ★ SF**

Affiliate of Nichii Company, Ltd.

23440 Hawthorne Blvd., Skypark 2, Suite 140,
Torrance, CA, 90505 U.S.A.; PH: 213/791-0010;
FAX: 213/791-0018.

Other Offices: Jefferson, IA (Mfg.)

CONTACT: David Nichols, Mgr.,

Prod. Development

MICROSOY FLAKES full fat soy flakes for
use as a substitute for whole soybeans in
soymilk and tofu.

Northern Soy ★ SF

545 West Avenue, Rochester, NY, 14611
U.S.A.; PH: 716/235-8970; FAX: 716/235-3753.

CONTACT: Norman Holland, Pres.

Soyfoods, SOYBOY tempeh; SOYBOY tofu &
tofu products.

Ota Tofu Company SF

812 S.E. Stark Street, Portland, OR, 97214
U.S.A.; PH: 503/232-8947.

CONTACT: Eileen Ota, Owner

Soyfoods, tofu; other soy-based foods, age.

Pendleton Oil Mill, Inc. ★ C

349 E. Main Street, P.O. Box 38, Pendleton, SC,
29670-0038 U.S.A.; PH: 803/646-3294.

CONTACT: John Sitton, Exec. Vice Pres.

Hydraulic press; storage cap. 75,000BU;
mealcake for fish bait; served by truck
and rail.

**Penta Manufacturing
Company, Inc. R SF IP**

Affiliate of Penta International Corp.

271 U.S. Highway 46, P.O. Box 1448, Fairfield,
NJ, 07006 U.S.A.; PH: 201/575-7475; TLX:

(RCA) 219472 (PENT UR); FAX: 201/575-8907.

CONTACT: George M. Volpe, Sr. Vice Pres.

Refining cap. 5,000MT/day; storage cap.
20,000/GAL; edible soy oil products, frac-
tionated oil, hydrogenated soy oil, refined
soybean oil; served by ship and truck. Lec-
ithin (edible grade), liquid and powder; soy-
bean oil products, cooking/salad oil; salad
dressing. Lecithin (Industrial grade); soy oil
(Industrial grade) for lubricants.

Perdue Farms, Inc. ★ C R

MAIN OFFICE: P.O. Box 1537, Salisbury, MD,
21613 U.S.A.; PH: 301/543-3000; FAX:
301/543-3902.

Other Offices: CoField, NC (Mfg.)

CONTACT: Sewell Spedden, Pres. Grain/
Oilseed Div.

Solvent extraction; crush cap. 1000MT/day;
storage cap. 5 millionBU; animal/livestock
feed, crude soybean oil, hulls, meal; served
by barge, rail and truck. **CONTACT:** William
Bohon. Refining cap. 380MT/day; hydrogen-
ated soy oil, refined soybean oil; served by
rail and truck. **CONTACT:** Keith Darby.

Perdue Farms, Inc. ★ C

Route 1, P.O. Box 119H, CoField, NC, 27922
U.S.A.; PH: 919/358-0311; FAX: 919/358-3437.

CONTACT: William Hammond, Head
Grain Merch.

Solvent extraction; crush cap. 635MT/day;
storage cap. 2 millionBU; animal/livestock
feed, crude degummed soybean oil, hulls,
meal; served by rail and truck. **CONTACT:**
William Hammond.

PMS Foods, Inc. SF

2701 E. 11th, P.O. Box 1099, Hutchinson, KS,
67504-1099 U.S.A.; PH: 316/663-5711;
TWX: 910-380-6461; FAX: 316/663-7195.
CONTACT: Derek Park, Pres.
ULTRA SOY textured soy flour.

**Premier Products/American
Soy Dairy SF**

P.O. Box 59587, Chicago, IL, 60659-0587
U.S.A.; PH: 708/674-2642.
CONTACT: Maurice Dayan, Pres.
**Other soy-based foods, imitation cheeses
using soymilk powder and soy oil.**

**Producers Cooperative
Association ★ C**

Foot of Buffalo Street, P.O. Box 323, Girard, KS,
66743 U.S.A.; PH: 316/724-8241.
CONTACT: William R. Huston, Gen. Mgr.
**Continuous screw press; storage cap.
650,000BU; meal; crude oil; served by truck
and rail.**

Protein Research Associates SF

901 Grayson Street, Berkeley, CA, 94710
U.S.A.; PH: 415/845-7614.
CONTACT: Theodore Aarons, Dir.
**Soyfoods, soymilk, drinks or beverages;
other soy-based foods, nutritional supple-
ments containing soy bran, soy flour and
soy concentrates.**

**Protein Technologies
International, Inc. ★ SF IP**

Affiliate of Ralston Purina Company
Checkerboard Square-13T, St. Louis,
MO, 63134 U.S.A.; PH: 314/982-1277 or
800/344-6937; FAX: 314/982-1121.
Other Offices: Zaventem, BELGIUM; Montigny-
le Bretonneux, FRANCE; Milan, ITALY; Barce-
lona, SPAIN (Protein Technologies Interna-
tional, S.A.); Corby, Northants, UK; Mexico City,
MEXICO; Caracas, VENEZUELA; South Mel-
bourne, AUSTRALIA; Hong Kong, HONG
KONG; Tokyo, JAPAN; Seoul, KOREA; Taipei,
TAIWAN; (manufacturing facilities) Memphis,
TN; Pryor, OK; Louisville, KY; Hager City, WI;
Ieper, BELGIUM; Hannan, JAPAN
CONTACT: Lisa Koppen, Mktg. Rep.
**SUPRO and PROPLUS isolated soy proteins;
FIBRIM soy fiber. NURISH isolated soy pro-
teins for high-performance weaning rations;
PRO-COTE soy polymer for paper coating
additive, adhesive.**

**Quantum Chemical Company,
Emery Division R IP**

11501 Northlake Drive, Cincinnati, OH, 45249
U.S.A.; PH: 513/530-7300; TWX: 810-461-2412
(EMERY SD CIN).
CONTACT: Frank Michaels, Publications Supv.
**Industrial oil products. EMERY soybean
fatty acids.**

Quincy Soybean Company ★ C SF

Affiliate of Moorman Manufacturing Co.
MAIN OFFICE: 1900 Gardner Expressway, P.O.
Box 329, Quincy, IL, 62306-0329 U.S.A.; PH:
217/224-1800; TLX: 40-4421 (QCYSOYBEAN);
FAX: 217/224-2036.
Other Offices: Helena, AR (Quincy Soybean
Co. of Arkansas)
CONTACT: Rick Schuering, Mktg.
**Solvent extraction; crude degummed soy-
bean oil, crude soybean oil, meal; served by
barge, rail and truck. Soy fiber.**

**Quincy Soybean Company
of Arkansas ★ C R SF IP**

Highway 20 South, P.O. Box 70, Helena, AR,
72342 U.S.A.; PH: 501/338-6481; FAX:
501/338-8206.
Other Offices: Elaine, Marvell, Mellwood, AR
CONTACT: Banks Conditt, Mktg. Dir.
**Solvent extraction; animal/livestock feed,
crude degummed oil, crude soybean oil,
hulls, meal; served by barge, rail and truck.
Crude degummed soybean oil, edible soy oil
products, industrial oil products, refined
soybean oil; served by barge, rail and truck.
Lecithin (edible grade); soy oil products,
cooking/salad oil. Soy oil (industrial grade);
soy sterols & tocopherols; soybean fatty
acids. CONTACT: Rick Schuering.**

Quong Hop & Co. ★ SF

161 Beacon Street, San Francisco, CA, 94080
U.S.A.; PH: 415/761-2022; FAX: 415/952-3329.
CONTACT: Ben Lee, Vice Pres. Mktg.
**Simulated meat products (analogs), tofu &
tempeh burgers; soybean oil products, salad
dressing; soyfoods, soymilk, drinks or bev-
erages; tempeh; FRESH TOFU & TEMPEH,
tofu & tofu products; other soy-based foods,
SAVORY tofus.**

Ralston Purina Company SF IP

Checkerboard Square, St. Louis, MO, 63164
U.S.A.; PH: 314/982-7108 (Int'l. & MO) or
314/982-2108; TLX: 447240 (RAL STL); FAX:
314/982-1121.

— Please Check Your Listing For Accuracy —

★ Updated Listing
Alphabetical By Country

C=Soybean Processor (Crusher)
R=Soybean Oil Refiner

SF=Edible Soy Products/Foods
IP=Industrial Soy Products

Other Offices: Zaventem, BELGIUM; Lille, FRANCE; Milan, ITALY; Barcelona, SPAIN; Corby, Northants, ENGLAND; Mexico City, D.F., MEXICO; Caracas, VENEZUELA; South Melbourne, Victoria, AUSTRALIA; HONG KONG; Tokyo, JAPAN; Seoul, KOREA; Taipei, TAIWAN. Other Plants: Memphis, TN; Pryor, OK; Louisville, KY; Leper, Belgium; Hannan, JAPAN
CONTACT: Robert V. Sanderson, Vice Pres., Mktg.

PP-SERIES PROTEINS isolated soy proteins; **FIBRIM** soy fiber. Soy flour/soy protein industrial grade), polymers.

Riceland Foods, Inc. ★ C R SF IP

2120 S. Park Avenue, P. O. Box 927, Stuttgart, AR, 72160 U.S.A.; PH: 501/673-5500; TLX: (RCA) 240064 (RLND UR); TWX: 910-720-6240 (Arkansas Grain Co.); FAX: 501/673-5397.

Other Offices: Little Rock, AR

CONTACT: James K. Smith, Vice Pres.

Solvent extraction; hulls, meal; served by barge, rail and truck. CONTACT: John B. Ruff.

Edible soy oil products, refined soybean oil;

served by barge, rail and truck. CONTACT:

L.H. Dodson. LECIPRIME liquid lecithin (edible grade); LECIGRAN powdered, granulated lecithin (edible grade); soybean oil

products, CHEFWAY and private labels

shortening; CHEFWAY and private labels

cooking/salad oil. LECIKOTE liquid lecithin

(Industrial grade); LECIGRAN MT granulated

lecithin (Industrial grade); FEED QUALITY

powdered lecithin (Industrial grade); for

paint mixes, magnetic tape, animal feeds.

CONTACT: Marolyn Chambers, Mktg.

Mgr., Lecithin.

See Our Display Ad On Page 2

Rich Products Corporation SF

1150 Niagara Street, P.O. Box 245, Buffalo, NY, 14240 U.S.A.; PH: 716/878-8000; TLX: 710-522-1840 or 522-1841; FAX: 716/878-8238 or 716/878-8266.

CONTACT: Robert E. Rich, Sr., Chman.

Soy concentrates, whipped toppings; isolated soy proteins, whipped toppings; soybean oil products, margarine (frozen foods); cooking/salad oil; soyfoods, frozen desserts.

CONTACT: Dawn Wolfe.

Rickel, Inc. ★ C

4800 Main Street, Suite 430, Kansas City, MO, 64112 U.S.A.; PH: 816/561-5912; FAX: 816/756-1369.

Other Offices: Wichita, KS; Ft. Smith, AR; Springfield, OH

CONTACT: Dick Bredesen, Mdse. Mgr., Roasted Prods.

Roasted full fat soybeans; animal/livestock feed; served by rail and truck.

Rustco Products Company ★ SF

1485 E. 61st Avenue, Denver, CO, 80216 U.S.A.; PH: 303/287-3203; FAX: 303/287-2203.
CONTACT: Mark Hingiss, Mktg. Mgr., Food Oils
Soybean oil products, RUSTCO and PRIVATE LABEL margarine; shortening; cooking/salad oil.

S. E. Rykoff & Company ★ SF

Affiliate of Rykoff-Sexton
737 Terminal Street, P.O. Box 21903, Los Angeles, CA, 90021 U.S.A.; PH: 213/622-4131; FAX: 213/689-9766.

Other Offices: Indianapolis, IN (John Sexton & Co.)

CONTACT: Terry Burgon, Mgr., Commodity Purchasing

Soybean oil products, shortening, cooking/salad oil, salad dressing.

SAFFOLA Quality Foods, Inc. ★ SF

633 S. Mission Road, Los Angeles, CA, 90023 U.S.A.; PH: 213/265-4300; FAX: 213/269-6330.
CONTACT: Greg MacIntosh, CEO

Soybean oil products, GOLDENSWEET TABLEMAID margarine; shortening; GOLDEN-SWEET cooking/salad oil (all private label).

Sam Sung Foods Inc. SF

409 Morse Street, N.E., Washington, DC, 20002 U.S.A.; PH: 202/544-6690; FAX: 202/544-2477.
CONTACT: Kim Salazar

Soyfoods, soymilk, drinks or beverages; tofu & tofu products.

San-J International, Inc. ★ SF

Affiliate of San-Jirushi Corporation
2880 Sprouse Drive, Richmond, VA, 23231 U.S.A.; PH: 804/226-8333; TLX: 510-100-0513; FAX: 804/226-8383.

Other Offices: San Francisco, CA; Shibuya-ku, Tokyo; Kuwana, Mie, JAPAN (San-Jirushi Corp.)

CONTACT: Donald J. Iwinski, Dir., Industrial Sales

Soyfoods, tamari and shoyu soy sauces, liquid and dry; miso, paste and dry.

**For A Complete
Display Advertiser Index
See Page 363**

Soybean Processors and Manufacturers of Soy-Based Products

The C. F. Sauer Company SF

2000 W. Broad Street, Richmond, VA, 23220
U.S.A.; PH: 804/359-5786; TLX: (Easylink)
752-903 (CT RICH); FAX: 804/359-5514.
Other Offices: Charlotte, NC; Sandston, VA
CONTACT: Robert E. Holden, Vice Pres.
Soy oil products, salad dressing.

Schnupp's Grain Roasting, Inc. ★ C

R.D. 6, Box 840, Lebanon, PA, 17042 U.S.A.;
PH: 717/865-6611; FAX: 717/865-7334.
CONTACT: Dale L. Schnupp, Pres.
**Crush cap. 100MT/day; animal/
livestock feed.**

The Simple Soyman ★ SF

4877 N. Green Bay Avenue, P.O. Box 09771,
Milwaukee, WI, 53209-0771 U.S.A.; PH:
414/264-4133.

**Soyfoods, tofu & tofu products; other soy-
based foods, SAUCY JO, SOMBRERO JO &
ITALIAN JO tofu sloppy-joe mixes;
TOASTER BURGERS patties; CURRY DIP;
DEVEILED TOFU "eggless" egg salad; SA-
VORY HERB PATÉ; WHOLE GRAIN PIE
CRUSTS (frozen or wheat & dairy free);
APPLE ALMOND TARTS; CREAMY CAROB
PUDDING; TOFU TERKEY savory-baked,
marinated tofu; TOFU PUMPKIN PIE; DATE
BARS; PEANUT CAROB BUTTER.**

Solnuts, Inc. ★ SF

Affiliate of Solnuts, B.V.
711 7th Street, P.O. Box 450, Hudson, IA, 50643
U.S.A.; PH: 319/988-3221; FAX: 319/988-4647.
Other Offices: Tilburg, HOLLAND
(Solnuts, B.V.)
CONTACT: Linda S. Weigel, Sales Mgr.
**SOLFLOUR F.F. full fat soy flour; soy fiber;
soy grits; soyfoods, SOLNUTS soynuts
(whole soybean snacks).**

Sonne, Inc. ★ SF

896 22nd Ave. N., Wahpeton, ND, 58075
U.S.A.; PH: 701/642-3068; TLX: 910-561-3930
(RESHBRKR); FAX: 701/642-9403.
CONTACT: Neil Doty, Gen. Mgr.
**Soyfoods, DAKOTA GOURMET soynuts
(whole soybean snacks), many flavors.**

Sovex Natural Foods, Inc. ★ SF

Affiliate of McKee Baking Company
9104 Apison Pike, P.O. Box 310, Collegedale,
TN, 37315 U.S.A.; PH: 615/396-3145; FAX:
615/396-3402.
CONTACT: John Goodbrad, Pres.
**Soyfoods, soymilk, drinks or beverages;
tofu & tofu products; TVP-textured vegetable
protein.**

Soy Power Company, Inc. SF

1602 Stanford Street, Santa Monica, CA, 90404
U.S.A.; PH: 213/829-2331; FAX: 213/829-1266.
CONTACT: Kevin Cross, Pres.
**Soyfoods, soymilk, drinks or beverages;
tempeh; tofu & tofu products.**

Soyco Foods SF

R.D. #3, Northgate Industrial Park, P.O. Box
5204, New Castle, PA, 16105 U.S.A.; PH: 412/
656-1102 or 800/441-9419; FAX: 412/656-9270.
CONTACT: Albert Morini, Vice Pres., Sales
**Soyfoods, other soy-based foods, soy
cheese substitutes.**

Soyeh Natural, Inc. ★ SF

3458 Depot Road, Hayward, CA, 94545 U.S.A.;
PH: 415/670-8621; FAX: 415/670-8639.
CONTACT: Woody Yeh, Pres.
**Soyfoods, other soy-based foods,
soy yogurt.**

Soyfoods of America SF

1091 E. Hamilton Road, Duarte, CA, 91010
U.S.A.; PH: 213/681-5393.
CONTACT: Ken Lee, Owner/Pres.
**Soyfoods, FURAMA™, NATURE'S
SPRING™, tofu & tofu products; other soy-
based foods, YUBA, DEEP-FRIED TOFU,
TOGUN (baked, spiced tofu).**

Soyworld, Inc. SF

819 Cedar Street, Honolulu, HI, 96814 U.S.A.;
PH: 808/523-8080.
CONTACT: Sean Corkery, Gen. Mgr.
**Soyfoods, SOYUMMY OF HAWAII
frozen desserts.**

Specialty Grain Co. ★ C R SF IP

P.O. Box 2458, Dearborn, MI, 48123 U.S.A.;
PH: 313/535-9222; FAX: 313/535-9712.
CONTACT: David Singsank, Dir. of Prod. Devel.
**Continuous screw press; crude degummed
soybean oil (organic), crude soybean oil,
meal (organic); served by rail, ship and truck.
Crude degummed soybean oil, edible soy oil
products; served by rail, ship & truck. Soy
flour; soy grits; soy flakes; soyfoods,
soynuts (whole soybean snacks); soy flour/
soy protein (industrial grade).**

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Spring Creek Natural Foods SF

136 Main Street, Spencer, WV, 25276 U.S.A.;
PH: 304/927-1815.
CONTACT: Mark Bossert, Pres.

★ Updated Listing
Alphabetical By Country

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Soyfoods, fresh soymilk, drinks or beverages; tofu & tofu products, fresh, marinated-baked and salads; other soy-based foods, soysage, okara based.

A. E. Staley Manufacturing Company, Gunther Division SF

2200 Eldorado Street, P.O. Box 151, Decatur, IL, 62525-1801 U.S.A.; PH: 217/423-4411; TLX: (Decatur) 6871552 or 25-0113 (STLW UW AE STALEY CO DTR); TWX: (Decatur) 910-243-0459.

CONTACT: J. A. Empen, Gen. Mgr.
MIRA-FOAM modified soy concentrate;
MIRA-PRO isolated soy proteins; soyfoods, instant tofu. CONTACT: Steve Martin, Prod. Mgr.

Jacob Stern & Sons, Inc. ★ IP

1464 East Valley Road, P.O. Box 50740, Santa Barbara, CA, 93150 U.S.A.; PH: 805/565-1411; TLX: 658312 (J STERN SNC); FAX: 805/565-1415.

Other Offices: Houston, TX; Seattle, WA; Clovis, CA (Snow Commodities Co.)
CONTACT: Philip L. Bernstein, Pres.
Purchasers of soy oil (industrial grade) for soapstock, acidulated soy oil soapstock.

Summercorn Foods, Inc. ★ SF

1410 W. Cato Springs Road, Fayetteville, AR, 72701 U.S.A.; PH: 501/521-9338.

CONTACT: David Druding
SAVORY SOYSAGE simulated meat products (analogues); soyfoods, soymilk, drinks or beverages; okara tempeh; tofu & tofu products, bakes, marinated; other soy-based foods, soy cereal.

Surata Soyfoods, Inc. ★ C SF

302 Blair Blvd., Eugene, OR, 97402 U.S.A.; PH: 503/485-6990.

CONTACT: Theresa Thornton, Mktg. Coordinator
Continuous rotor extraction; crush cap. .3MT/day; storage cap. 20MT. Soyfoods, soymilk, drinks or beverages; tempeh; tofu & tofu products.

Swan Gardens, Inc. ★ SF

6029 Lagrange Blvd., Atlanta, GA, 30336 U.S.A.; PH: 404/346-1712; FAX: 404/344-5170.

CONTACT: Richard McIntyre, Pres.
Soyfoods, spray-dried soymilk; frozen desserts (frozen soy yogurt); spray-dried tofu; other soy-based foods, cheese-like products; soy yogurt.

Timmins Group, Inc. ★ SF

105 Beacon Street, Greenfield, MA, 01301 U.S.A.; PH: 413/772-0035; FAX: 413/774-3056.

CONTACT: Thomas Timmins, Pres.
Simulated meat products (analogues); soyfoods, other soy-based foods, dairy analogues.

The Tofu Shop Specialty Foods Company ★ SF

768 18th Street, P.O. Box 4716, Arcata, CA, 95521 U.S.A.; PH: 707/822-7409.

CONTACT: Matthew Schmit, Owner/Mgr.
Soyfoods, JOY O' SOY soymilk, drinks or beverages (pt., qt., 1/2 gal. & gal. sizes); FIRM NIGARI tofu & tofu products (14 oz. & 20 lb. sizes); other soy-based foods, veggie-patties; cutlets; sausage patties; salads and desserts (regional only).

Tofutti Brands Inc. ★ SF

50 Jackson Drive, P.O. Box 786, Cranford, NJ, 07016 U.S.A.; PH: 201/272-2400; FAX: 201/272-9492.

CONTACT: David Mintz, Pres. & CEO
Soyfoods, TOFUTTI nondairy frozen desserts; other soy-based foods, TOFUTTI EGG WATCHERS egg substitute; TOFUTTI BETTER THAN CREAM CHEESE imitation cream cheese.

Tomanetti Foods, Inc. ★ SF

201 Ann Street, Oakmont, PA, 15139 U.S.A.; PH: 412/828-3040; FAX: 412/828-2282.

CONTACT: Mary Bolger, Supv.
Soyfoods, other soy-based foods, SOYDANCE soy cheeses, SOYDANCE frozen pizza.

Townsend's, Inc. C R SF IP

State Route 24, East, P.O. Box 468, Millsboro, DE, 19966 U.S.A.; PH: 302/934-3015; FAX: 302/934-3084.

CONTACT: Seth C. Taylor, Mdsing. Mgr.
Solvent extraction; crush cap. 1100MT/day; storage cap. 5,360,000BU; meal, hulls, crude oil; served by truck and rail. CONTACT: Seth C. Taylor, Merchandising Mgr. Refining cap. 325MT/day; storage cap. 2572MT; fully refined oil, edible soy oil products, industrial oil products; served by truck and rail. Soy oil products, cooking/salad oil. Soy oil (industrial grade) refined and bleached for paint, varnish, chemicals and carrier. CONTACT: George Crutchfield.

Soybean Processors and Manufacturers of Soy-Based Products

Tree of Life, Inc. ★ SF

Affiliate of Wessanen, N.V.

1750 Tree Blvd., P.O. Box 410, St. Augustine, FL, 32085-0410 U.S.A.; PH: 904/824-8181; TLX: 910-997-8139; FAX: 904/825-2009.

Other Offices: St. Augustine, FL (Tree of Life Southeast); North Bergen, NJ (Northeast); Bloomington, IN (Midwest); Cleburne, TX (Southwest); Kent, WA (Northwest); Sun Valley, CA (West).

CONTACT: Greg Leonard, Vice Pres., Merch. **TREE OF LIFE soy grits (16 oz. pkg.); soybean oil products, TREE OF LIFE margarine (Soya and Soya No Salt, 16 oz.); TREE OF LIFE cooking/salad oil (various flavors, 16 & 32 oz.); soyfoods, TREE OF LIFE soy sauce (Tamar, Shoyu and Wheat Free Tamar); tofu & tofu products (Baked Tofu, Organic, Bulk & Savory Baked); TREE OF LIFE miso (Kome-Rice 1 lb. & Mugi-Barley 1 lb.).**

Tumaros, Inc. SF

5300 Santa Monica Blvd., Los Angeles, CA, 90029 U.S.A.; PH: 213/464-6317.

CONTACT: Kaye L. Dunham, Pres.

TUMARO'S RANCH BARBEQUE, TUMARO'S TEXAS TAMALES, TUMARO'S TEXAS BURRITO simulated meat products (analog); TUMARO'S TOFU ENCHILADA VERDE tofu & tofu products.

Turtle Island Foods ★ SF

1 Main Street, P.O. Box 218, Husum, WA, 98623 U.S.A.; PH: 509/493-2004; FAX: 509/493-4656.

CONTACT: Seth Tibbott, Pres.

Soyfoods, tempeh.

United Edible Oils, Inc. ★ SF

246 Walnut Street, P.O. Box 254, Newtonville, MA, 02160 U.S.A.; PH: 617/527-3413; FAX: 617/964-9567.

CONTACT: Edward Berman, Pres.

Soybean oil products, cooking/salad oil (bulk & packaged).

Van den Bergh Foods ★ R SF IP

Affiliate of Unilever

2250 Cabot Drive, Lisle, IL, 60532 U.S.A.; PH: 708/505-5300; TLX: 224069 (VDB FOODS); FAX: 708/955-5540.

Other Offices: New York, NY (Sales Office); Joliet, IL; Elgin, IL; Sunnyvale, CA; Vernon, CA; Carson, CA; Olathe, KS; Dallas, TX; Medalia, MN; Detroit, MI; Baltimore, MD; Rochester, NY; Dalton, GA; Atlanta, GA; Greenville, SC; Maplewood, NJ; Thorofare, NJ (Mfg.).

CONTACT: Milton Neurenchon, Vice Pres., Commodities

Refining cap. 500MT/day; storage cap. 15,000MT; crude degummed soybean oil, edible soy oil products, fractionated oil, hydrogenated soy oil, industrial oil products, refined soybean oil; served by barge, rail, ship and truck. Lecithin (edible grade); soybean oil products, margarine, shortening, cooking/salad oil, salad dressing; soyfoods, frozen desserts; other soy-based foods, soy hard butters, shortenings, emulsifiers, stearines, lubricants, bakery products (doughs, specialties). CONTACT: T. Craig. **Soy oil (industrial grade) for lubricants; soybean fatty acids. CONTACT:** J. Kilgannon.

Virginia Soyworks ★ SF

Rt. 1, Box 193, Faber, VA, 22938 U.S.A.; PH: 804/361-1543.

CONTACT: Ken Scotton, Owner

Soyfoods, soymilk, drinks or beverages; tofu & tofu products.

West Bend Elevator Company C

P.O. Box 49, West Bend, IA, 50597 U.S.A.; PH: 515/887-7211; FAX: 515/887-7291.

CONTACT: Fred McKim, Mgr.

Continuous screw press; crush cap. 11,000MT/day; storage cap. 4,000,000BU; meal, animal/livestock feed, crude oil; served by truck and rail. CONTACT: Terry Butch.

West Central Cooperative ★ C

P.O. Box 68, Ralston, IA, 51459 U.S.A.; PH: 712/667-3200; FAX: 712/667-3215.

CONTACT: Doug Stidham, Feed/Soy Div. Mgr. **Continuous screw press; crush cap. 150MT/day; storage cap. 2 millionBU; animal/livestock feed, crude soybean oil; served by rail and truck.**

White Wave, Inc. ★ SF

6123 East Arapahoe, Boulder, CO, 80303 U.S.A.; PH: 303/443-3470; FAX: 303/443-3952.

Other Offices: San Leandro, CA

CONTACT: Steven Demos, Pres.

Simulated meat products (analog); soyfoods, soymilk, drinks or beverages; frozen desserts; tempeh; tofu & tofu products; other soy-based foods, cheese analogs.

Wilsey Foods, Inc. ★ SF

14840 E. Don Julian Road, P.O. Box 3636, City of Industry, CA, 91746 U.S.A.; PH: 818/336-4527; TLX: 670351 (WILSECORP); FAX: 818/336-3229.

Other Offices: Oakland, CA; Atlanta, GA; Salem, OR; Fort Worth, TX (all mfg.)

CONTACT: Customer Service Dept. **Soybean oil products, BAK-TEX, CAKE**

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TONE, CHEF'S PRIDE, CHURN SPREAD, CREAM FLAKE, DO KING, EVERGOOD, FANCY FRY, FLAKO, FRY-IT, GOLD-N-EG, GOLD-N-OIL, GOLD-N-RICH, GOLD-N-SWEET, HALF-CAL, HANDI-POP, HI-LIFE, HY-TOP, MELLO MOIST, MOVIE-POP, ONE PLUS TWO, OUR BETR FRY, RICHENOL, ROLLITE, SAVORY, SUPER HY-CAKE, TRAILHAND, VOPCO, VO-POP, W.B., WHITE CAP, EXTEND margarine, shortening, cooking/salad oil, pan coating and chocolate coating. **CONTACT:** Customer Service.

Worthington Foods, Inc. SF

900 Proprietors Road, Worthington, OH, 43085 U.S.A.; PH: 614/885-9511.

CONTACT: David Maxwell, Materials Mgr.
MORNINGSTAR FARMS, NATURAL TOUCH, WORTHINGTON simulated meat products (analogs); soyfoods, **SOYOMAL** soymilk, drinks or beverages; soyfoods, **TOFU TOPPERS** tofu.

Wysong Corporation ★ C SF

1880 North Eastman, Midland, MI, 48640 U.S.A.; PH: 517/631-0009; FAX: 517/631-8801.

CONTACT: Pamela Sampier

Continuous screw press; crude soybean oil. Full fat soy flour; soybean oil products, cooking/salad oil; salad dressing; soyfoods, other soy-based foods, whole extruded soybeans.

Yaupon Soyfoods ★ SF

226 E. Austin Street, Elgin, TX, 78621 U.S.A.; PH: 512/285-3810.

CONTACT: Chico Wagner, Owner

Soyfoods, soymilk, drinks or beverages (plain in 1/2 gal., gal. and pint sizes); tempeh (plain soy, in 8 oz. pkg.); tofu & tofu products (16 oz. pkg. & 20 lb. bulk sizes).

VENEZUELA

Consorcio Oleaginoso Portuguesa S.A. (COPOSA) C R SF IP

Carretera Via Payara, Apartado 112, Acarigua 3301, Portuguesa, VENEZUELA; PH: 58/55/48355; TLX: 55200 (COPOS).

CONTACT: Nelson Quijada, Gen. Mgr.

Continuous screw press, solvent extraction; crush cap. 1,000MT/day; storage cap. 40,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal; served by truck, rail. Refining

cap. 300MT/day; storage cap. 14,000MT; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, refined soybean oil; served by truck, rail. Soybean oil products, margarine; shortening; cooking/salad oil. Soy oil (Industrial grade) for chemical uses.

YUGOSLAVIA

Tvornica za preradu soje ★ C IP

Gazenica, PP 215, Zadar 57000, YUGOSLAVIA; PH: 01138/57-436024 or 24993 or 23400; TLX: 27149 (TPS).

Solvent extraction; crush cap. 1,100MT/day; storage cap. 70,000MT; crude degummed soybean oil, meal; served by barge, truck, rail and ship. Lecithin (Industrial grade).

ZAMBIA

Lee Yeast Zambia Ltd. ★ C SF IP

Plot 7 Luapula Road, P.O. Box 271, Kafue, ZAMBIA; PH: 11/311289 or 311243; TLX: 70010 (YEAST).

CONTACT: Rashid Limbada, Dir.

Crush cap. 20MT/day; storage cap. 6,000MT; animal/livestock feed. Full fat soy flour. Full fat soy flour/soy protein (Industrial grade); for animal feed.

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in additional copies
of the Soy Bluebook?**

Everybody in your office should have their own copy, and with Soyatech offering bulk discounts on orders of five books or more — we've made ordering even easier for you!

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more information —
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page 360!**

Soyatech, Inc.

PH: 207/288-4969 • FAX: 207/288-5264

There's a Bunge elevator near you to give you top dollar for your soybeans.

Bunge is one of the nation's leading exporters of soybeans, soybean oil and soybean meal. We're also America's third largest soybean processor. Because we do such a large volume of business, we're in the market for soybeans 365 days a year. And we pay the best possible price for your beans — by the truckload or by the carload.

At Bunge, we pride ourselves on our service. Each of our elevators is run by professionals who know market conditions, make sure that you're unloaded swiftly, and see that you're paid promptly.

Where to Sell

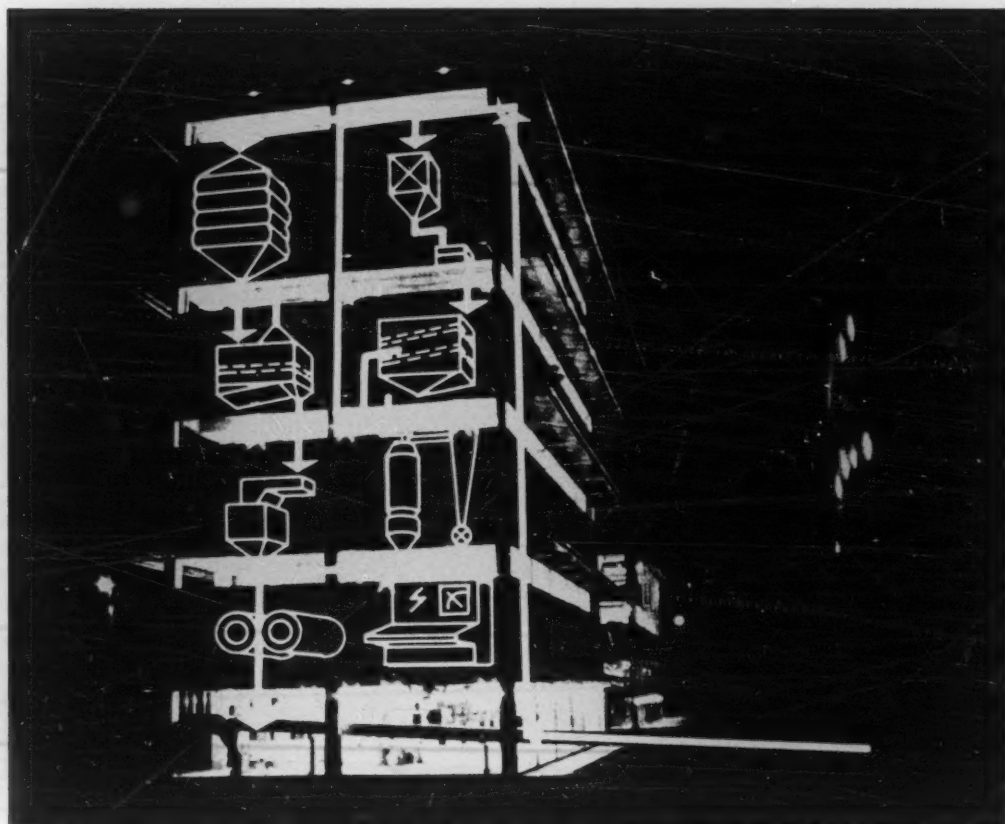
Bunge Corporation has elevators strategically located throughout soybean country in Arkansas, Mississippi, Louisiana, Kentucky and Tennessee, with district headquarters in Greenville, Mississippi, and Pine Bluff, Arkansas.

Other Bunge offices service farmers in Southern Illinois and Eastern Missouri, as well as soybean growers in other sections of the United States.

Remember...if you want the best in price and service, see Bunge, before, during or after the harvest season.

BUNGE  CORPORATION

11720 Borman Road, St. Louis, MO 63146 • 314/872-3030



Oil seed preparation. The art of implementation.

Buhler is a world leader in the design and manufacture of productive seed preparation equipment. But just as important, we also have the expertise to help you implement a more flexible system for oil seed processing.

For example, we design soya, sunflower and other oil-

seed plants to produce both low and high protein extraction meals, either individually or simultaneously. Our installations can also produce white flakes or full-fat products for feed or food.

For all your needs, including cleaning, dehulling, hot dehulling, crushing, flaking, expanding

and extruding equipment, contact Buhler. The experts in the art of implementation.

Call (612) 545-1401, or write: Buhler Inc., P.O. Box 9497, Minneapolis, MN 55440. In Canada call (416) 445-6910, or write: Buhler (Canada) Inc., 59 Curlew Dr., Toronto, Ont., M3A 2P8.



Guide To: Equipment, Supplies and Services

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HANDLING OF SOYBEANS & SOYBEAN PRODUCTS

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Agra Erectors, Inc., (U.S.A.)
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Kamas Industri AB, (SWEDEN)
KELSA, S.A., (SPAIN)
Kice Industries, Inc., (U.S.A.)
Machinery Supply, Inc., (U.S.A.)
Mid-America Products, Inc., (U.S.A.)
Prater Industries, Inc., (U.S.A.)
Sturtevant Inc., (U.S.A.)
Triple/S Dynamics, Inc., (U.S.A.)

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Buhler Inc., (U.S.A.)
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Ltd., (CANADA)
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Buhler Inc., (U.S.A.)
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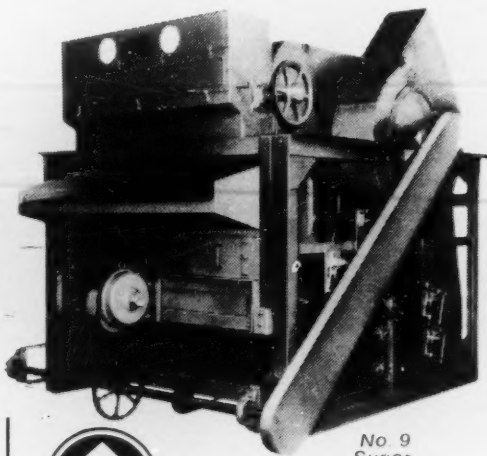
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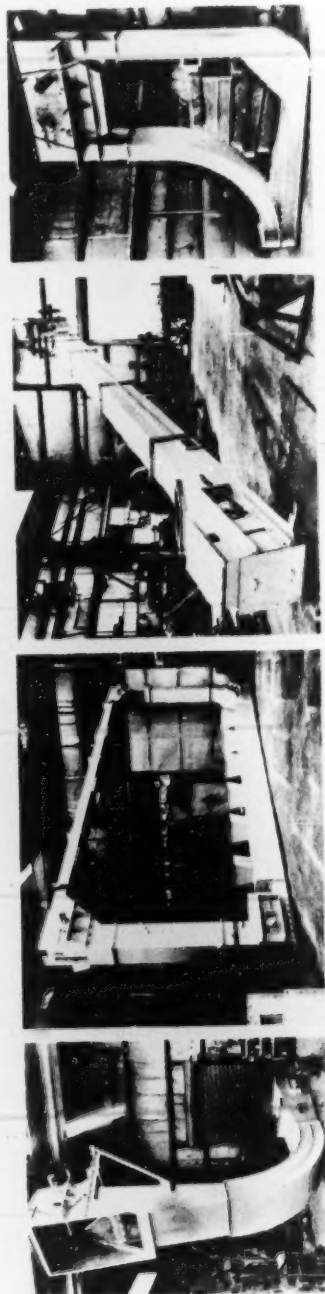
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Sinar Technology, (ENGLAND)
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**For A Complete Index Of Equipment, Supplies Or Services Listed
See Pages 144-145**

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Down River International, Inc., Transit Protection Division, (U.S.A.)
Dyñequip, Inc., (U.S.A.)
FEECO International, Inc., (U.S.A.)

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A. Gusmer, Inc., (U.S.A.)
The Hance Corporation, (U.S.A.)
Huss & Schlieper, Inc., (U.S.A.)
Martin Sprocket & Gear, Inc., (U.S.A.)
NCI of Minnesota, Inc., (U.S.A.)
Neuero Corporation, (U.S.A.)
The Nolan Company, (U.S.A.)
The Rapat Corporation, (U.S.A.)
Schlagel, Inc., (U.S.A.)
Stout Industrial, (U.S.A.)

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Buhler Inc., (U.S.A.)
Caleb Brett U.S.A., Inc., (U.S.A.)
Codema, Inc., (U.S.A.)
Damman-Croes S.A., (BELGIUM)
Davy Dravo, (U.S.A.)
FEECO International, Inc., (U.S.A.)
Grain Facility Design, Inc. (GFD, Inc.), (U.S.A.)
The Hance Corporation, (U.S.A.)
Huss & Schlieper, Inc., (U.S.A.)
Martin Sprocket & Gear, Inc., (U.S.A.)
Davy McKee Corporation, (ENGLAND)
Mercer Engineers, Inc., (U.S.A.)
NCI of Minnesota, Inc., (U.S.A.)
Neuero Corporation, (U.S.A.)
The Rapat Corporation, (U.S.A.)
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Stout Industrial, (U.S.A.)
Van Den Berghs & Jurgens Ltd., (ENGLAND)

▽ TRUCK

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Behlen Mfg. Co., (U.S.A.)
Blount Industrial Products Group, (U.S.A.)
Buhler Inc., (U.S.A.)
Caleb Brett U.S.A., Inc., (U.S.A.)
Codema, Inc., (U.S.A.)
Dabney-Hoover Supply Company, Inc., (U.S.A.)
Down River International, Inc., Transit Protection Division, (U.S.A.)
Dynequip, Inc., (U.S.A.)
FEECO International, Inc., (U.S.A.)
Grain Facility Design, Inc. (GFD, Inc.), (U.S.A.)
A. Gusmer, Inc., (U.S.A.)
The Hance Corporation, (U.S.A.)
Huss & Schlieper, Inc., (U.S.A.)
Martin Sprocket & Gear, Inc., (U.S.A.)
Mercer Engineers, Inc., (U.S.A.)
The Nay Company, (U.S.A.)
NCI of Minnesota, Inc., (U.S.A.)

Neuero Corporation, (U.S.A.)
The Rapat Corporation, (U.S.A.)
Schlagel, Inc., (U.S.A.)
Screw Conveyor Corporation, (U.S.A.)
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Dynequip, Inc., (U.S.A.)
N.V. Extraction De Smet S.A., (BELGIUM)
Grain Facility Design, Inc. (GFD, Inc.), (U.S.A.)
Martin Sprocket & Gear, Inc., (U.S.A.)
The Nay Company, (U.S.A.)
Stormor, Inc., (U.S.A.)

▽ ELEVATOR & SILO STORAGE

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BBA Group PLC, (ENGLAND)
Behlen Mfg. Co., (U.S.A.)
Blount Industrial Products Group, (U.S.A.)
Borton, Inc., (U.S.A.)
Cimbria Unigrain Ltd. A/S, (DENMARK)
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Inc., (U.S.A.)
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Dynequip, Inc., (U.S.A.)
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SOYBEAN PRODUCTS**

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Davy Corporation plc., (CHINA)
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Davy South Africa (Pty.) Ltd.,
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 Davy South Africa (Pty.) Ltd.,
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 Do-Well Oil Plants Pvt. Ltd., (INDIA)
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 Hayes General Technology Co. Ltd., (ISRAEL)
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 Plant Maintenance Service
 Corporation, (U.S.A.)
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 Ernst Thälmann, (GERMAN
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 Superior Welding Company, (U.S.A.)
 Techintegral Ltda., (COLOMBIA)
 Troika Processes Pvt. Ltd., (INDIA)

▼ SOLVENT VAPOR DETECTION & CONTROL

Costruzioni Meccaniche Bernardini
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 Cottor International, (INDIA)

Crown Iron Works Company, (U.S.A.)
 Damman-Croes S.A., (BELGIUM)
 De Smet Rosedowns Ltd., (ENGLAND)
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 Perstorp Analytical, Inc., (U.S.A.)
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SOYBEAN OIL EXTRACTION

▼ ANTI-CAKING AGENTS

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 Bean Machines, Inc., (U.S.A.)
 Blount Industrial Products Group, (U.S.A.)
 Buhler Inc., (U.S.A.)
 W. C. Cantrell Company, (U.S.A.)
 Carver, Inc., (U.S.A.)
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 Crown Iron Works Company, (U.S.A.)
 Damman-Croes S.A., (BELGIUM)
 De Smet USA Corp., (U.S.A.)
 Do-Well Oil Plants Pvt. Ltd., (INDIA)
 J. R. Dykes Sales & Service, Inc., (U.S.A.)
 The French Oil Mill Machinery
 Company, (U.S.A.)
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Mannesmann Comercial S/A, (BRAZIL)
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 Cottor International, (INDIA)
 Crown Iron Works Company, (U.S.A.)
 Damman-Croes S.A., (BELGIUM)
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 Dedert Corporation, (U.S.A.)
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 Dynequip, Inc., (U.S.A.)
 EPE Incorporated, (U.S.A.)
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 Krupp Maschinentechnik GmbH, Werk Harburg,
 (FEDERAL REPUBLIC OF GERMANY)
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 Masiero Industrial S.A., (BRAZIL)
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 Plant Maintenance Service
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 DEMOCRATIC REPUBLIC)

Sprout-Bauer, Inc., (U.S.A.)
Sulzer Escher Wyss GmbH, (FEDERAL
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Techintegral Ltda., (COLOMBIA)

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C. W. Brabender Instruments, Inc., (U.S.A.)
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Cottor International, (INDIA)
Dabney-Hoover Supply Company,
Inc., (U.S.A.)
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J. R. Dykes Sales & Service, Inc., (U.S.A.)
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A. Gusmer, Inc., (U.S.A.)
Hosokawa Micron Division, (U.S.A.)
International Reserve Equipment
Corp., (U.S.A.)
KELSA, S.A., (SPAIN)
Machinery Supply, Inc., (U.S.A.)
Mannesmann Comercial S/A, (BRAZIL)
Mathews Company, (U.S.A.)
Shanzer Grain Dryer, (U.S.A.)
Shivvers, Inc., (U.S.A.)
Simes, Inc., (U.S.A.)
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DEMOCRATIC REPUBLIC)
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B.N.W. Industries, (U.S.A.)

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Inc., (TAIWAN)
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Machinery Supply, Inc., (U.S.A.)
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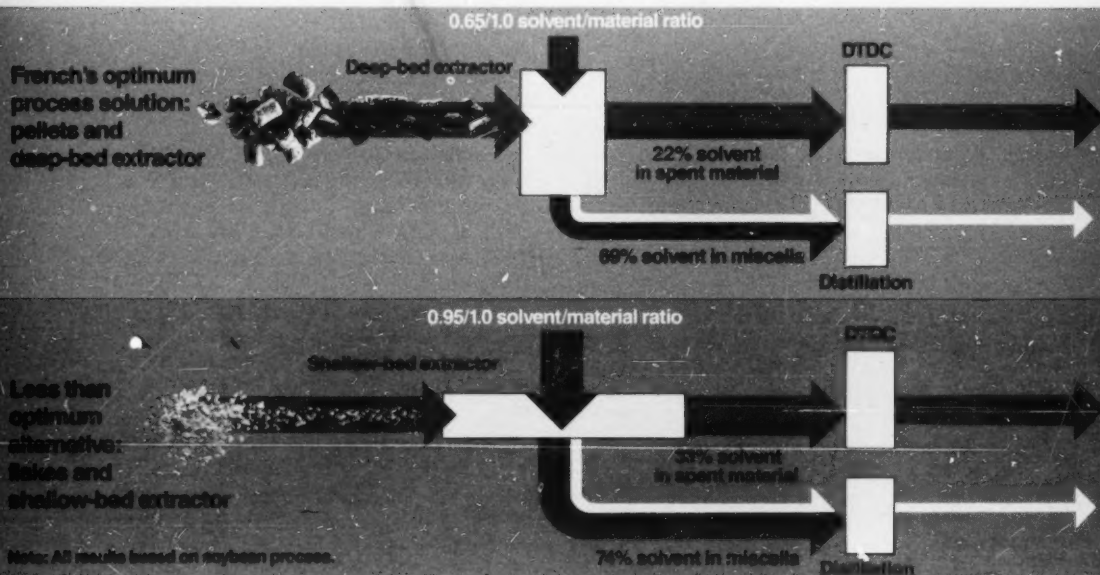
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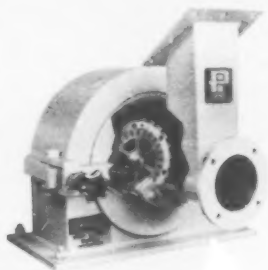
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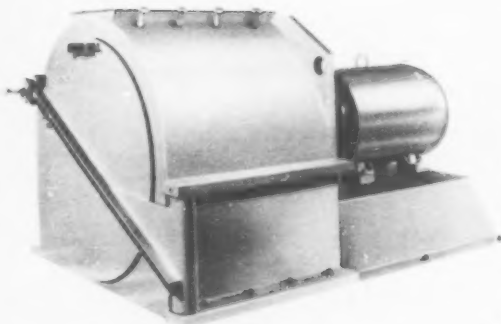
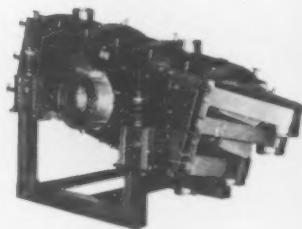


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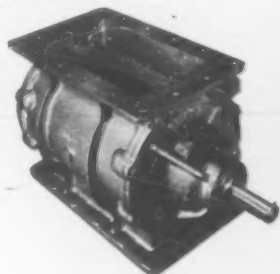
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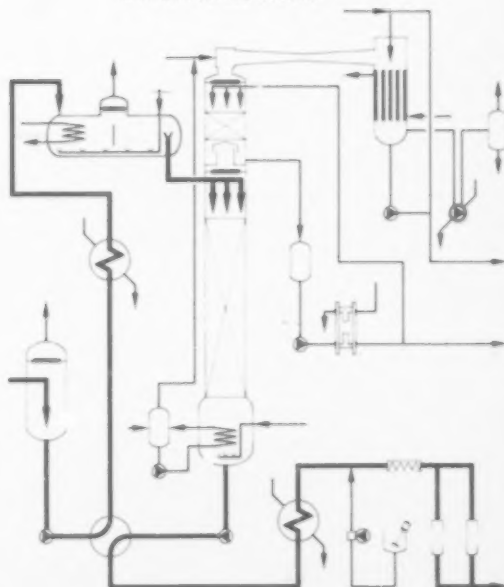
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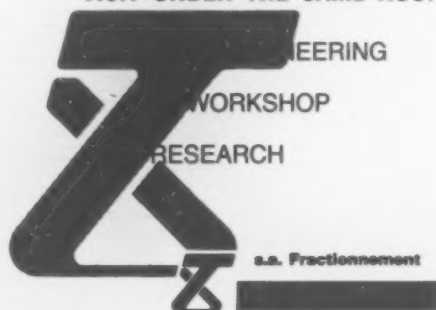
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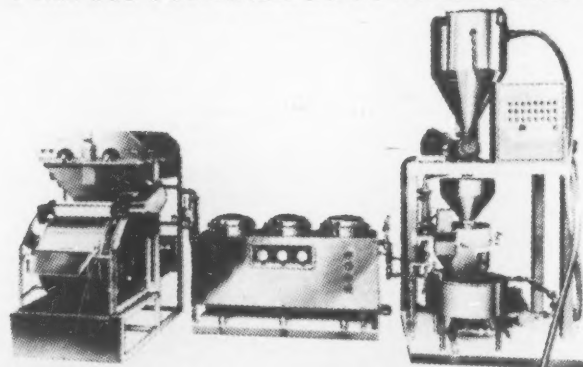
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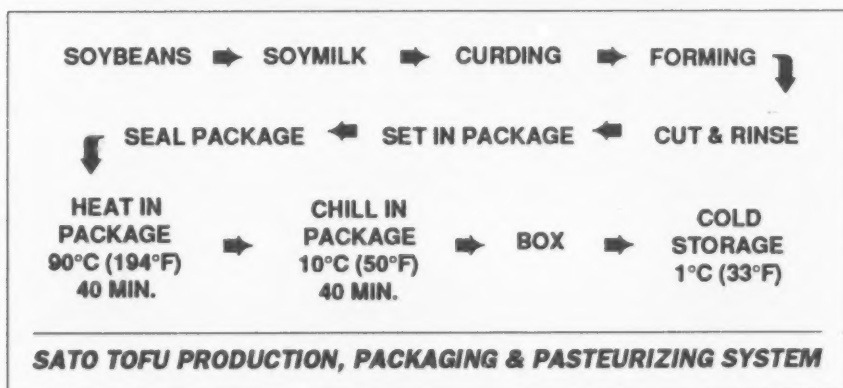
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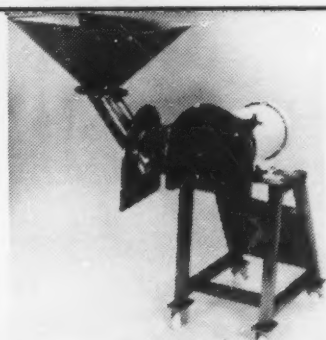
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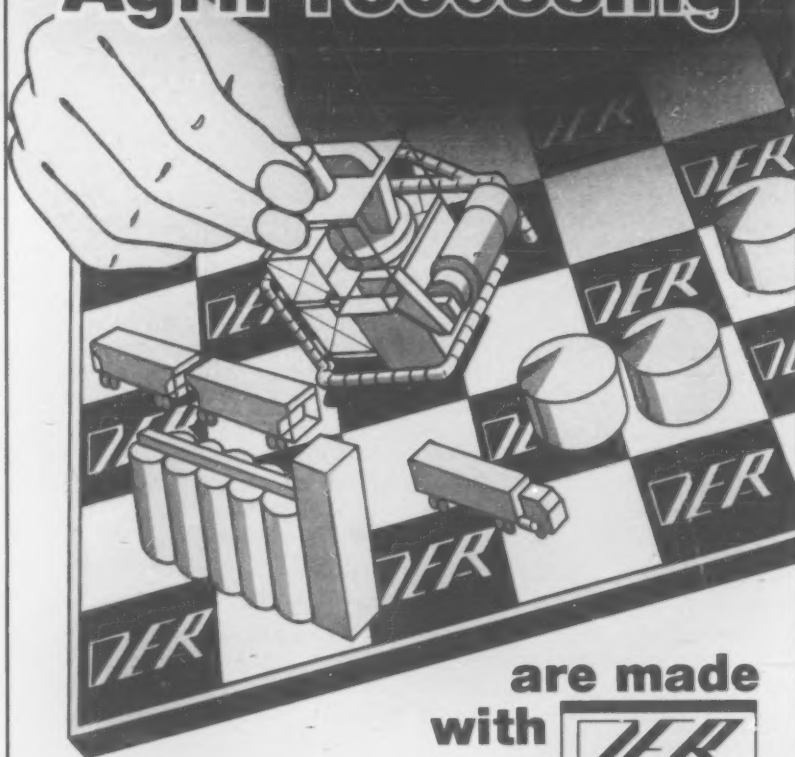
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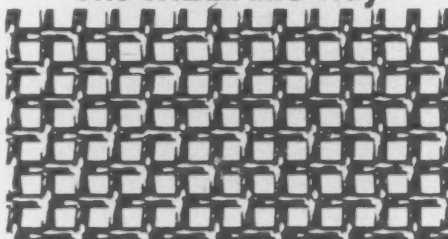
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Dunn International, Ltd., (U.S.A.)
Eden Foods, Inc., (U.S.A.)
El Vic Trading & Development
Corporation, (PHILIPPINES)
Fareastam (Chile) Ltd., (CHILE)
Fielder Ralston Proteins Pty., (AUSTRALIA)
Fwu Sow Grain Products Co., Ltd., (TAIWAN)
Gardner Smith Pty. Ltd., (AUSTRALIA)
Generichem Corp., (U.S.A.)
Goorden N. V., (BELGIUM)
Graines & Huiles Zaden & Olien
N.V., (BELGIUM)
GRANEXPORT, Enterprise for the Industry of
Foodstuffs and Feeds, (YUGOSLAVIA)
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Grupo Interamericano C.A., (VENEZUELA)
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Ltd., (THAILAND)
HRANEXPORT, (BULGARIA)
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 Transport Co., (U.S.A.)
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 Opco Industries Ltd., (NEW ZEALAND)
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Wellens & Company, Inc., (U.S.A.)
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Consolidated Grain and Barge
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CSX Transportation, (U.S.A.)
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Midland Enterprises, Inc., (U.S.A.)
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Transport Co., (U.S.A.)
Port of Houston Authority, (U.S.A.)
The Valley Line Company, (U.S.A.)

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Houston Tank Storage Company, (U.S.A.)
Hudson Tank Terminals Corporation, (U.S.A.)
Norfolk Oil Transit, Inc., (U.S.A.)

▼ FORWARDING AGENT

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W. L. Richeson & Sons, Inc., (U.S.A.)
Schokhi Industrials Pvt. Ltd., (INDIA)
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Consolidated Rail Corporation
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Mississippi River Grain Elevator, Inc., (U.S.A.)
Port of Houston Authority, (U.S.A.)
River Grain Company, (U.S.A.)
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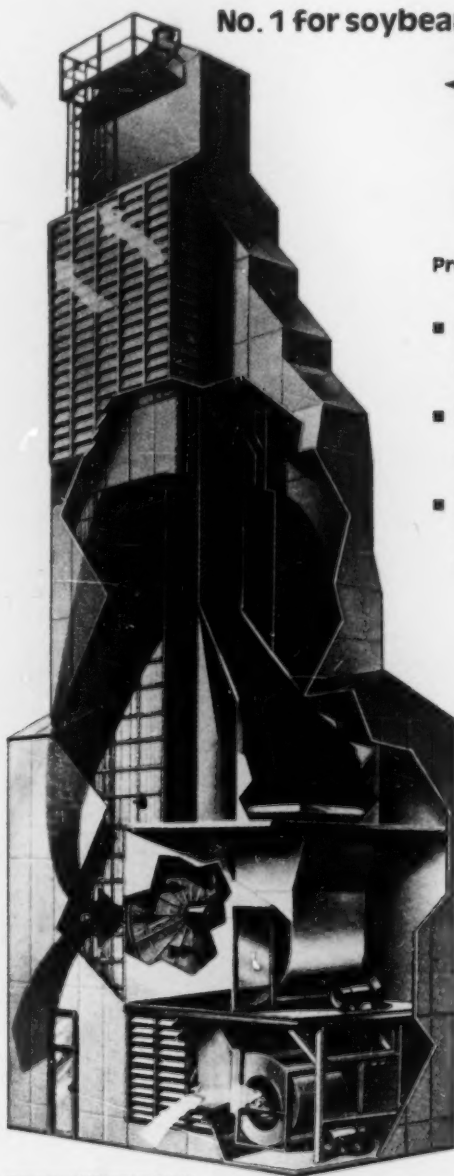
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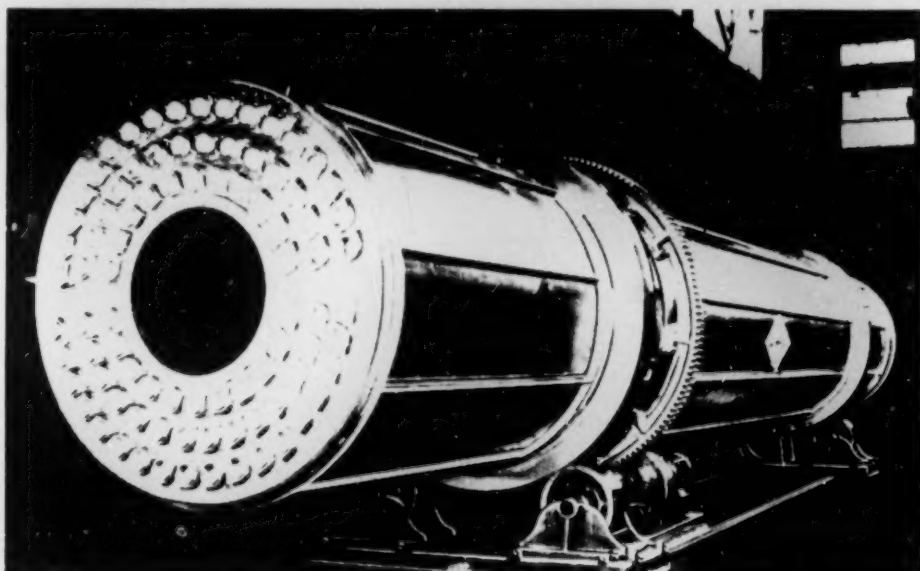
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 Financial Services
 Informational Services
 Manufacturing/Marketing Support Services
 Soybeans & Soybean Product Distribution
 Transportation & Warehousing Services

Yellow Pages — Company Listings, A-Z, By Country

Country Index 204

How To Use These Listings

SAMPLE LISTING

Indicates listing
updated in 1990

Company name

Address, if MAIN OFFICE, indicated

Communication numbers,
Telephone, Telex, Fax, etc.

If Other Offices, indicated

Key contact person

Equipment, supplies or
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TLX: 2468 (ACME MF);

TWX: 13579 (ACME MF); FAX: 123/987-6543.

Other Offices: Pleasantville, ST

CONTACT: Dan D. Person, Gen. Mgr.

Heat exchangers; margarine equipment;
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 equipment and supplies; cleaning/sanitizing
 equipment and supplies; computer process
 control, hardware, software, programming;
 construction contractors, protein plants;
 engineering services.

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Alsino 633-30 Piso, Buenos Aires 1384,
ARGENTINA; PH: 9/302050 or 9/347096 or
9/344610; TLX: 21958.

CONTACT: H. M. Ferrero

**Solvent extraction equipment; flake
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ARGENTINA; PH: 54/42/60126; TLX: 48204
(MASA AR).

CONTACT: Juan Carlos Gomez

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fatty acid distillation equipment; heat
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Cross 2011, N.S.W., AUSTRALIA; PH:
61/2/361-0671; FAX: 61/2/360-3729.

CONTACT: Dr. David A. Lewis, Man. Dir.
Consultants, industrial processes, product

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development; contract research
(pilot scale).

Elders QGGA Grain Pty. Ltd.

Affiliate of Elders IXL
Graingrowers Building, 123 Margaret Street,
P.O. Box 705, Toowoomba 4350, Queensland,
AUSTRALIA; PH: 613/076/38-3588; FAX:
076/38-4872.

CONTACT: Howard Colbert, Gen. Mgr.
**Trading company; supplier of soybeans for
food use; EXPORTER:** Edible soybeans.

Fielder Ralston Proteins Pty. ★

Affiliate of Protein Technologies International
335 Plummer Street, Port Melbourne, Victoria
3207, Victoria, AUSTRALIA; PH: 03/646-6300;
TLX: 33218 (FELDA AA); FAX: 03/646-6601.

Other Offices: Leichhardt, AUSTRALIA
CONTACT: J. Michael Rudd, Man. Dir.
IMPORTER: Isolated soy proteins & Fibrin
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TLX: (AA) 120824; FAX: 02/909-8340 or 8691.
CONTACT: Peter Shearman, Veg. Oil Mgr.

**Trading company; supplier of soybeans
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meal; soyabean flour; **IMPORTER:**
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Affiliate of Davy McKee Corp.
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PH: 536-3444; TLX: 30094; FAX: 537-2410.

CONTACT: J. Bradley
**Solvent extraction equipment; condensers;
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solvent extraction distillation equipment;
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TLX: 642915 ALQ (UBDHO BJ); FAX:
880/2/412355 (Attn: Alquadri).

CONTACT: C. A. Zaman
EXPORTER: Degummed crude soybean oil;
crude soybean oil; edible soybean oil;
IMPORTER: Degummed crude soybean oil;
crude soybean oil; edible soybean oil.

BELGIUM

Damman-Croes S.A. ★

Spanjestaat 55, Roeselare B-8800, BELGIUM;
PH: 051/20-4343 or 03/449-4717; TLX: 81548;
FAX: 051/209374 or 03/440-8410.

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Other Offices: Edegem (Antwerp)

CONTACT: Dany DePoorter, Oil-Food Dept. Sales Mgr.

Commercial grain cleaners; loading & unloading equipment, barge, railroad, ship; soybean storage equipment & supplies, elevator & silo storage; cookers/extruders/roasters; dehulling equipment; drying & aeration equipment, conditioners & coolers, grain dryers; expanders; flaking & cracking equipment; presses, continuous screw; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; solvent vapor detection & control; bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogen generation equipment; hydrogenation catalysts; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers.

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Affiliate of Compagnie Financière De Smet S.A. Prins Boudewynlaan 265, B-2520 Edegem, Antwerp, BELGIUM; PH: 32/3/449-4240; TLX: 31824 (DESMET B); FAX: 32/3/449-4240.

Other Offices: Buenos Aires, ARGENTINA (De Smet SAIC); Overijse, BELGIUM (De Smet S.A. Engineers & Contractors); Sao Paulo, BRAZIL (De Smet do Brasil); Bogota, COLOMBIA; Giza, EGYPT (De Smet Egypt); Hull, ENGLAND (De Smet Rosedowns Ltd.); Lorient, FRANCE (Société Industrielle Lorientaise); Paris, FRANCE (De Smet France); New Delhi & Bombay, INDIA (De Smet Chemfood Eng. Ltd.); Jakarta, INDONESIA (De Smet Indonesia); Kuala Lumpur, MALAYSIA (De Smet Malaysia Sdn. Bhd.); Mexico City, MEXICO (De Smet Mexico S.A. de C.V.); Metro Manila, PHILIPPINES (Equipro Industrial Co., Inc.); Madrid, SPAIN (De Smet Espana S.A.); Istanbul, TURKEY (STEP Ltd. Sti.); Atlanta, GA (De Smet USA Corp.)

CONTACT: N. Gilliot, Comm. Mgr.

Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling

equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, software, programming; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

S. A. Fractionnement Tirtiaux ★

8 Rue de Fleurjoux, Fleurus 6220, BELGIUM; PH: 32/71/813787; TLX: 51338 (FRACTI B); FAX: 32/71/817024.

CONTACT: Alain Tirtiaux, Man. Dir.

Agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; refining/neutralization equipment, chemical, physical.

See Our Display Ad On Page 170

Goorden N. V. ★

Melkerijstraat 1, Schoten B-2120, Antwerp, BELGIUM; PH: 32/03/324-3835; TLX: 31394 (GORDEN B); FAX: 32/3/324-3838.

CONTACT: Lips Daniel, Dr. in Biochem.

EXPORTER: Full fat toasted soy flour; full fat enzyme active soy flour; defatted toasted soy flour; defatted enzyme active soy flour; soy concentrates; soy isolates; texturized soy flour; soy fibers; soy grits; lecithin; kibbled beans; soy albumen; **IMPORTER:** Full fat toasted soy flour; full fat enzyme active soy flour; defatted toasted soy flour; defatted enzyme active soy flour; soy concentrates; soy isolates; texturized soy flour; soy fibers; soy grits; lecithin; kibbled beans; soy albumen.

**Graines & Hulles Zaden
& Oilen N.V.**

Sint Pietersvliet 3, Bus 13, Antwerpen 2000,
BELGIUM; PH: 32/3/234-25-35; TLX: 31325
(SIBCI B); FAX: 32/3/233-66-42.

CONTACT: Bruno Frickel, Trader

Trading company; EXPORTER: Crude &
refined soybean oil for technical purposes;
IMPORTER: Soybeans; soybean oil.

Laboratorium Oleotest

Frankryklei 90, Antwerp 2000, BELGIUM;
PH: 32/3/233-6597; TLX: 32-72604; FAX:
32/3/231-7728.

CONTACT: Louis Bastyns, Dir.
Analytical laboratories.

N.V. Ollefabriek Lichtervelde

St. Pietersvliet 3, Nordic Building, Antwerp
B-2000, BELGIUM; PH: 32/03/234-2700;
TLX: 31325 (SIBCI); FAX: 03/233-8644.

Other Offices: Lichtervelde, West-Vlaanderen,
BELGIUM (Factory)

CONTACT: Coen van Wijk, Man. Dir.

Trading company; soybean seed supplier;
EXPORTER: crude soybean oil; refined
soybean oil for technical purposes;
IMPORTER: soybeans; soybean oil.

S.I.B. N.V.

Sint Pietersvliet 3, B. 9, Antwerp 2000,
Antwerpen, BELGIUM; PH: 32/3/234-27-00;
TLX: 31325 (SIBCI B); FAX: 3/233-66-42.

CONTACT: Alberto Malvarosa, Man. Dir.

Trading company; EXPORTER: Crude
degummed soybean oil; **IMPORTER:** Crude
degummed soybean oil.

BRAZIL

Esteve Irmaos S.A.

Rua Formosa 367, 28 Andar, Caixa Postal 639,
01049 São Paulo, BRAZIL; PH: 5511/222-
4333; TLX: 11-23623 or 23625 or 21096
(ESIR BR); FAX: 5511-2224571.

CONTACT: Antonio Esteve, Soybean Mgr.
EXPORTER: Soybeans - Brazil and
Paraguay origin.

Esteve Trading Corporation

Rua Formosa 367, 28, P.O. Box 639, São
Paulo 01049, BRAZIL; PH: 11/222-4333;
TLX: 11-21096 (ESIR); FAX: 11/222-4571.

Other Offices: Lausanne, SWITZERLAND

CONTACT: Anton V. Esteve, Dir.

EXPORTER: Soybeans.

Fazenda Boa Fé

Rua João Caetano, 46, Caixa Postal 263,
Uberaba 38100, Minas Gerais, BRAZIL;
PH: 034/332-0277.

CONTACT: Ma Tien Min
Soybean seed supplier.

Heberle Soya SC. Ltd.

899 Manuel Maria Tourinho, 01236 São Paulo,
S.P., BRAZIL; PH: 55/11/655-318; TLX:
11-54624 (HCRC).

CONTACT: Aldayr Heberle, Dir.
Broker, cash/product.

Industrias J. B. Duarte S.A.

Rua dos Patriotas, 1382, P.O. Box 1002,
São Paulo 04207, S.P., BRAZIL; PH: 55/011/
274-8211; TLX: 33172 or 21226 (IJBDBR).

Other Offices: Santo Anastácio, S.P.

CONTACT: Lian de Abreu Duarte, Comm. Dir.

EXPORTER: Soybeans; soybean meal;
crude degummed, fully refined and cooking/
salad oil; lecithin; shortening; tocopherols;
IMPORTER: Soybeans and crude
degummed oil.

Mannesmann Comercial S/A ★

Av. Nove de Julho, 5.345, P.O. Box 30.173,
São Paulo 01051, S.P., BRAZIL; PH:
55/11/534-1339 or 534-1134; TLX: 11-24264
or 34715 (MANN BR); FAX: 55/11/881-5741
or 853-5975.

CONTACT: Renata Ferreira, Trader
**Conveyors (drag or en masse); commercial
grain cleaners; dust control systems &
supplies; dehulling equipment; drying &
aeration equipment, conditioners & coolers,
grain dryers; meal handling equipment,
pelletizing equipment; presses, hydraulic;
screeners/screening equipment; solvent
extraction equipment; condensers; crude
oil storage (tanks); heat exchangers;
margarine equipment; shortening equip-
ment; construction contractors, complete
plants; consultants, equipment, plant
layout, industrial processes.**

Maslero Industrial S.A. ★

Rodovia Jaú-Dois Córregos, Km. 6, P.O. Box
218, Jau 17200, São Paulo, BRAZIL; PH:
55/146/225666; TLX: 146027 (MASI BR);
FAX: 55/146/222775.

Other Offices: Buenos Aires, ARGENTINA;
Mexico City, D.F., MEXICO; Porto, PORTUGAL
CONTACT: José I. Maziero, Man. Dir.
Cookers/extruders/roasters; drying &

aeration equipment, conditioners & coolers, meal dryers; flaking & cracking equipment; presses, continuous screw; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; solvent vapor detection & control; bleaching & filtering equipment; bleaching clays/earths; degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; refining/neutralization equipment, chemical, caustic/alkali, physical; soapstock equipment.

Davy McKee Engenhairia, S.A.

Affiliate of Davy McKee Corp.

Rua Haddock Lobo 684, São Paulo 01414, S.P., BRAZIL; PH: 11/881-8122; TLX: 11-36216; FAX: 11/881-5607.

CONTACT: J. L. Lago

Solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; construction contractors, complete plants, protein plants; consultants, equipment, industrial processes, plant layout, product development; engineering services.

Resegue Industria e Comercio S.A.

Rua Maria Paula, 88, P.O. Box 3991, São Paulo 01319, S.P., BRAZIL; PH: 011/259-2000; TLX: 24762 or 25303 (IROV BR).

CONTACT: Pedro L. Fancio, Mgr.

EXPORTER: Soybean meal/pellets, soybean oil, laundry soap; IMPORTER: Soybean oil.

SAFRAS & Mercado ★

Affiliate of Editora SAFRAS Ltda.

Rua Otávio Rocha, 115, 11º Andar, P.O. Box 10.338, Porto Alegre 90.045, R. S., BRAZIL;

PH: 0512/247039; TLX: (EMBRATEL) 51-2416 (ESAF); FAX: 249765.

Other Offices: Buenos Aires, ARGENTINA; New York, NY (SANA)

CONTACT: Silmar César Müller, Dir.
News wires, commodity; publications/informational services.

BULGARIA

HRANEXPORT

56, Alabin Street, Sopif 1080, BULGARIA;

PH: 88-22-51; TLX: 22525 or 22526 or 22527; FAX: 87-74-53.

CONTACT: Yovtcho Roussev, Gen. Dir.

Trading company; IMPORTER: Soybeans; soybean meal; soybean meal pellets.

CANADA

Agro Company of Canada Ltd. ★

450 Bridge Street, Montreal H3K 2C6, Quebec, CANADA; PH: 514/937-4241; TLX: 055-60623 (AGRO CAN).

Other Offices: Winnipeg, Manitoba; Vancouver, B.C., CANADA

CONTACT: Tony Plowman, Vice Pres., Exports

Trading company.

Bruker Spectrospin (Canada) Ltd.

555 Steeles Avenue, East, Milton L9T 1Y6, Ontario, CANADA; PH: 416/876-4641; TLX: 06-961446 (BRUKER ML); FAX: 416/876-4421.

Other Offices: Karlsruhe, W. GERMANY; Wissembourg, FRANCE

CONTACT: Martin A. Smith, Vice Pres.

Instruments/instrument systems, grain analyzers, material level, moisture testers, oil/protein/fiber analyzers; analytical/laboratory equipment; analytical laboratories; computer process control, hardware, software.

The Cambrian Engineering Group Limited ★

Affiliate of Agra Industries Limited
2200 Argentia Road, Mississauga L5N 2K7, Ontario, CANADA; PH: 416/858-8010; TLX: 06-218797 (AI CE CIP MSGA); FAX: 416/858-3332.

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Contact:

Advertising Manager
Soya Bluebook

Phone: 207/288-4969

Fax: 207/288-5264

Other Offices: Saskatoon, Saskatchewan and Timmins, Ontario, CANADA

CONTACT: Peter Sleggs, Process Mgr.
Bleaching & filtering equipment; degumming equipment; deodorization equipment; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, physical; soapstock equipment; consultants, equipment, industrial processes, plant layout; contract research (pilot scale); engineering services.

See Our Display Ad On Page 172

Carter Day Industries (Canada), Ltd. ★

Affiliate of Carter Day Industries
1425 Whyte Avenue, P.O. Box 488, Winnipeg R3C 2J6, Manitoba, CANADA; PH: 204/786-5781; TLX: 07-57327; FAX: 204/783-9404.
Other Offices: Minneapolis, MN (office); Wyoming, MN (mfg.)
CONTACT: Brad Plummer, Sales Mgr.
Aspirators; commercial grain cleaners; dust control systems & supplies.

Cultured Tofu Consulting

Box 93, Merrickville K0G 1N0, Ontario, CANADA; PH: 613/269-4483.
CONTACT: Steven Rowat, Owner
Consultants, equipment, industrial processes, plant layout, product development.

The Electrolyser Corporation Ltd.

122 The West Mall, Etobicoke M9C 1B9, Ontario, CANADA; PH: 416/621-9410; TLX: 06-967771 (ELECTROLYS TOR); FAX: 416/621-9830.
CONTACT: Conyers C. Baker, Vice Pres., Mktg.
Hydrogen generation equipment.

Interprovincial Cooperative Limited

5600 Cancross Court, Mississauga L5R 3E9, Ontario, CANADA; PH: 416/890-5070; FAX: 416/890-7191.
Other Offices: St. Boniface, Manitoba; Saskatoon, Saskatchewan, CANADA
CONTACT: Grant Rogers, Feed Prod. Mgr., Brokerage
Broker, cash/product; IMPORTER: Soymeal.

Jaymark, Division of Kenscott Ltd. ★

Affiliate of Wire Rope Industries
470 Grays Road, Hamilton L8E 2Z4, Ontario, CANADA; PH: 416/561-3034; FAX: 416/578-1748.

CONTACT: Darryl Tateishi, Gen. Mgr.
Conveyors (drag or en masse); milling equipment supplies, spare parts & repair; used equipment; consultants, equipment, product development.

King Agro, Division of Kingroup, Inc.

Affiliate of Sanofi, Inc.
P.O. Box 1088, Chatham N7M 5L6, Ontario, CANADA; PH: 519/354-3210; TLX: 064-78548 (KING CHAT); FAX: 519/354-8155.
Other Offices: Blissfield, MI; Santiago, CHILE (King Grain Limitada)
CONTACT: Paul King, Pres.
Soybean breeders; soybean seed supplier; supplier of soybeans for food use; EXPORTER: King soy brand special quality edible soybeans.

King Grain

P.O. Box 1088, Chatham N7M 5L6, Ontario, CANADA; PH: 519/354-5900; TLX: 064-78548; FAX: 519/354-8155.
CONTACT: Kim Cooper, Export Mgr.
Supplier of soybeans for food use; EXPORTER: white hilum soybeans.

Davy McKee Corporation

Affiliate of Davy McKee Corp., England
277 Lakeshore Road, East, Suite 211, Oakville L6J 1H0, Ontario, CANADA; PH: 416/842-4840; TLX: 06-982232.
Other Offices: London, ENGLAND (Davy McKee Corp.); Philadelphia, PA (Davy Dravo)
CONTACT: M. Cook
Solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; construction contractors, complete plants, protein plants; consultants, equipment, industrial processes, plant layout, product development; engineering services; inspection services.

Miratrade International

Affiliate of Ogilvie Mills Ltd.
291 King Street, P.O. Box 5050, London N6A 4M3, Ontario, CANADA; PH: 519/667-7400; TLX: 21/064-74137 (MIRATRADE LDN); FAX: 519/667-4802.
Other Offices: Miracle Feeds - London, Ontario; Chateauguay, Quebec; Delta, B.C.; Edmonton, Alberta; Winnipeg, Manitoba, CANADA; Onalaska, WI; Rochester, NY; Lenhartsville, PA; Winston Salem, NC; Americus, GA; Olive Branch, MS; Longview, TX; Shafter, CA; Milton, Ontario, CANADA (Miratrade Int'l.)

CONTACT: Jack Smit, Mgr.
Trading company; IMPORTER: Soymeal;
 soy hulls.

Noctorum Holdings Inc. ★

50 Lavender Way, London N5X 3H9,
 Ontario, CANADA; PH: 519/642-1556;
 FAX: 519/642-1556.

CONTACT: P. Maurice Bell, Pres.
Consultants, equipment, industrial processes, plant layout; engineering services.

POS Pilot Plant Corporation ★

Library, 118 Veterinary Road, Saskatoon
 S7N 2R4, Saskatchewan, CANADA; PH:
 306/975-7066; FAX: 306/975-3766.

CONTACT: Roy Carr, Pres.
Analytical laboratories; consultants, equipment, industrial processes, product development; contract research (pilot scale); engineering services.

See Our Display Ad On Page 48

Prochem Mixing Equipment Ltd.

8032 Torbram Road, Brampton L6T 3T2,
 Ontario, CANADA; PH: 416/793-6800;
 TWX: 910-240-5259; FAX: 416/793-9434.

Other Offices: Naperville, IL; Snellville, GA;
 Baton Rouge, LA; Mendon, NY

CONTACT: Peter H. Livingston, Gen.
 Mgr., Sales
Agitators (liquid).

Promexport Canada Ltd.

Affiliate of Europmarkets (France)
 Plaza Tower, Suite 2510, 4000 de Maison-
 neuve West, Montreal H3Z 1J9, Quebec,
 CANADA; PH: 514/935-0945; TLX: 055-61326;
 FAX: 514/933-3066.

CONTACT: Michael Librowicz, Pres.
**Marketing consultant; trading company;
 EXPORTER: Soybeans, soy oil, soy meal.**

ProSoya Foods International, Inc. ★

627 Gaines Drive, Ottawa K1J 7W7,
 Ontario, CANADA; PH: 613/745-9115;
 FAX: 613/744-3548.

Other Offices: St. Louis, MO (ProSoya Corp.)
CONTACT: Raj P. Gupta, Vice Pres.
Consultants, equipment, industrial processes.

CHILE

Agromaule Ltda. ★

Affiliate of Lucchetti S.A., Santiago, CHILE
 Camino Longitudinal Sur #630, Casilla 2-D,
 Talca, VII Región, CHILE; PH: 071/221379;
 TLX: 350018 (AGROIN CK); FAX: 238-2608.

IMPORTER: Crude partially degummed soybean oil.

Fareastam (Chile) Ltd.

San Antonio 378 - Of. 805, P.O. Box 3769,
 Santiago, CHILE; PH: 56/2/333071 or
 2/383526; TLX: 340580 (FARAM CK); FAX:
 56/2/334585.

CONTACT: Oscar Castelblanco, Dir.
Trading company; EXPORTER: Soybean meal; IMPORTER: Soybean meal.

Davy McKee Chile Ltda.

Affiliate of Davy McKee Corp.
 Carlos Antunez 2048, Santiago A14283, Casill,
 CHILE; PH: 562/74377 or 562/498316 or
 561/498432; TLX: 44129; FAX: 562/225-7160.

CONTACT: J. Rodriguez
Solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; construction contractors, complete plants, protein plants; consultants, equipment, industrial processes, plant layout, product development; engineering services.

CHINA, PEOPLE'S REPUBLIC OF

Davy Corporation plc.

2524f Minzu Hotel, Beijing, PEOPLE'S
 REPUBLIC OF CHINA; PH: 655205 or 65841
 (ext. 2524); TLX: 22424.

Other Offices: Moscow, U.S.S.R.

CONTACT: G. W. Howe
Solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; construction contractors, complete plants, protein plants; consultants, equipment, industrial processes, plant layout, product development; engineering services.

— All Listings Are Free Of Charge —
 Please Contact Soyatech, Inc. for more information

COLOMBIA

TechIntegral Ltda.

Affiliate of Extraction De Smet, Belgium
Calle 81A N. 8-57, P.O. Box A.A 93134,
Bogota, Cundinamarca, COLOMBIA; PH:
57/91/217-2480 or 91/775-0140 or
91/775-0141; TLX: 45597 (DSMET CO);
FAX: 57/91/217-1675.

CONTACT: Gabriel E. Becerra Fadul,
Gen. Mgr.

Conveyors (drag or en masse); dust control systems & supplies; soybean storage equipment & supplies, elevator & silo storage; cookers/extruders/roasters; dehulling equipment; drying & aeration equipment, conditioners & coolers, grain dryers; meal handling equipment, hammer mills, mixing equipment (dry); presses, continuous screw; screeners/screening equipment; solvent extraction equipment; solvents; condensers; flake desolventizers, flash/vapor; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; bleaching clays/earths; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; heat exchangers; hydrogen generation equipment; hydrogenation catalysts; hydrogenation equipment; oil dryers; refining/neutralization equipment, physical; winterization equipment; waste water treatment equipment; construction contractors, complete plants; consultants, equipment, industrial processes; engineering services; inspection services.

DENMARK

APV DTD, Soya Technology Division ★

Affiliate of APV Pasilac AS
2, Europaplads, P.O. Box 146, DK-8100
Aarhus C, DENMARK; PH: 45/86/124155;
TLX: 64541 (DTKEY DK); FAX: 45/86/195558.
CONTACT: Asger S. Hansen, Tech. Mgr.
Commercial grain cleaners; dust control systems & supplies; soybean storage equipment & supplies, elevator & silo storage; dehulling equipment; soymilk & tofu equipment & supplies; analytical laboratory equipment; waste water treatment equipment; analytical laboratories;

computer process control, hardware, software; consultants, plant layout, product development; engineering services.

See Our Display Ad On Page 368

Cimbria Unigrain Ltd. A/S ★

Cimbria House, P.O. Box 40, Thisted 7700,
DENMARK; PH: 97/922211; TLX: 66684
(ASCIM DK); FAX: 97/924411.

Other Offices: Malmö, SWEDEN (Svenska Cimbria AB); Sollentuna, SWEDEN (Svenska Cimbria AB); York, ENGLAND (Cimbria [UK] Ltd.); Kinsale, Cork, IRELAND (Cimbria Ireland); Nakuru, KENYA (Cimbria East Africa)
CONTACT: Sven A.T. Olesen, Mktg. Mgr.
Air classifiers; aspirators; bags, bagging equipment; conveyors (drag or en masse); commercial grain cleaners; dust control systems & supplies; instruments/instrument systems, automatic samplers, control, flow measurement, grain analyzers, material level, moisture testers, quality control metal detection, warning systems; soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; screeners/screening equipment; construction contractors, complete plants.

DAMAS A.S.

Vester Aaby, Faaborg DK-5600, DENMARK;
PH: 45/62/61-67-00; TLX: 50515 (DAMAS DK);
FAX: 45/62/61-68-51.

CONTACT: Ejner Rasmussen, Sales Mgr.
Aspirators; commercial grain cleaners; instruments/instrument systems, automatic samplers.

Haldor Topsøe A.S.

Nymollevvej 55, P.O. Box 213, Lyngby 2800,
DENMARK; PH: 45/42/87-8100; TLX: 37444
(HTAS); FAX: 45/42/87-8494.

Other Offices: Houston, TX
CONTACT: Jens K. Laursen, Area Sales Mgr.
Hydrogen generation equipment.

Skandinavisk Levnedsmiddel Rådgivning A/S

Krabbesholms Allé 1, Århus/Viby J DK-8260,
DENMARK; PH: 45/86/14-8300; FAX:
45/86/14-8333.

CONTACT: Poul Agger, Man. Dir.
Consultants, equipment, industrial processes, plant layout, product development; contract research (pilot scale); engineering

services; inspection services; **IMPORTER:**
NATURLI soya drink, plain and cacao.

ENGLAND

Alfa-Laval Scarples Limited

Doman Road, Camberley GU15 3DN, Surrey,
ENGLAND; PH: 44/276/63383; TLX: 858283;
FAX: 44/276/61088.

CONTACT: Andrew W. Logan,
Chemical Engineer

Degumming equipment; refining/neutralization equipment, conventional caustic.

BBA Group PLC

P.O. Box 20, Cleckheaton BD19 6HPBD, West
Yorkshire, ENGLAND; PH: 027/487-4444;
TLX: 51106 (BBA G).

Other Offices: Charlotte, NC; Port Clinton, OH;
Bracebridge, Ontario, CANADA

CONTACT: Kenn E. Vitek, Pres.

Loading & unloading equipment, barge and ship; soybean storage equipment & supplies, elevator & silo storage; drying & aeration equipment, grain dryers.

De Smet Rosedowns Ltd. ★

De Smet Group (Compagnie Financière
De Smet)

Cannon Street, Hull HU2 0AD, N. Humberside,
ENGLAND; PH: 482/29864; TLX: 592226
(DRHULL G); FAX: 482/25887.

Other Offices: Antwerp, BELGIUM (Extraction
De Smet); Overijse, BELGIUM (De Smet
Engineers & Contractors); Atlanta, GA (De
Smet USA Corp.)

CONTACT: John Longley, Gen. Sales Mgr.

Cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, meal dryers; flaking & cracking equipment; presses, continuous screw; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; solvent vapor detection & control; bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; refining/neutralization

equipment, chemical, physical; analytical laboratories; computer process control, hardware, programming, software; contract research (pilot scale); engineering services.

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Engelhard Sutton ★

Chancery House, St. Nicholas Way, Surrey
SM1-1SB, ENGLAND; PH: 0944/1-643-8080;
TLX: 051/22317; FAX: 0944/1-643-6092.

Other Offices: Edison, NJ (Engelhard Menlo
Park); De Meern, NETHERLANDS (Engelhard);
Rome, ITALY (Engelhard SpA)

CONTACT: Kenneth Dyke, Area Mgr.

**Bleaching clays/earths;
hydrogenation catalysts.**

Engelmann & Buckham Machinery Ltd. ★

William Curtis House, Alton GU34 1HH, Hants,
ENGLAND; PH: 0420/82421; TLX: 858194;
FAX: 0420/89193.

Deodorization equipment; fractionation equipment; heat exchangers; margarine equipment; shortening equipment.

Helix Conveyors Ltd.

30 Hornsby Square, Southfields Industrial Park,
Laindon SS15 6SD, Essex, ENGLAND; PH:
44/0920/822021; TLX: 995801; FAX:
44/0268/541270.

CONTACT: Lawrence Tattersall, Gen. Mgr.

Conveyors (drag or en masse); instruments/instrument systems, flow measurement.

Laporte Inorganics ★

Moorfield Road, P.O. Box 2, Widnes
WA8 0JU, Cheshire, ENGLAND; PH:
44/051/495-2222; TLX: 627725 (LAPWIDG);
FAX 44/051/420-4088.

CONTACT: Frank Wright, Mktng. Mgr.
Bleaching clays/earths.

Leatherhead Food Res. Association

Randalls Road, Leatherhead, Surrey,
ENGLAND; PH: 44/372/376761; TLX: 929846
(FOODRA G); FAX: 44/372/386228.

CONTACT: J. R. Swift, Sales Mgr.

Analytical laboratories; consultants, product development; contract research (pilot scale).

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Lucas Ingredients Ltd. ★

Affiliate of Dalgety PLC
Moravian Road, Kingswood, Bristol BS15 2NG,
Avon, ENGLAND; PH: 44/0272-674681;
TLX: 449825; FAX: 0272/605409.
CONTACT: Paul Potter, Export Mgr.
EXPORTER: NEWPRO soya concentrate;
SOLUS textured soya protein.

Davy McKee Corporation

15 Portland Place, London W1A 4DD,
ENGLAND; PH: 01/637-0902; TLX: 22604;
FAX: 01/637-0902.
Other Offices: Pittsburgh, PA; Chicago, IL;
Berkley Heights, NJ (Davy Dravo)
CONTACT: R. G. Thompson
Loading & unloading equipment, barge,
ship; solvent extraction equipment;
condensers; flake desolventizers, flash/
vapor, normal; solvent extraction distillation
equipment; crude oil storage (tanks); fat
splitters; fatty acid distillation equipment;
heat exchangers; hydrogenation equipment;
oil dryers; computer process control,
software; construction contractors,
complete plants, protein plants; consult-
ants, equipment, industrial processes;
contract research (pilot scale); engineering
services; inspection services.

NKS Eurotrade (UK) Ltd. ★

3 Regent Street, P.O. Box 160, London SW1Y
4NR, ENGLAND; PH: 44/1/930-7651;
TLX: 8813508 (NKSLDN G).
CONTACT: L. G. Wyatt, Group Trading Mgr.
Trading company; EXPORTER: Soybeans,
soybean meal; **IMPORTER:** Soybean meal.

**Oils & Fats International
Magazine & Directory**

Affiliate of International Trade Publication Ltd.
Queensway House, 2 Queensway, Redhill
RH1 1QS, Surrey, ENGLAND; PH:
44/737/768611; TLX: 948669 (TOPJNL G);
FAX: 44/737/761989.
CONTACT: Bill Lavers, Editor
Publications/Informational services.

**Oxford Analytical
Instruments Ltd. ★**

20 Nuffield Way, Abingdon OX14 1TX, Oxon,
ENGLAND; PH: 0235/32123; TLX: 83621;
FAX: 0235/35416.
Other Offices: Andover, MA (Oxford
Analytical Inc.)
CONTACT: Lorraine M. Young, Mktg.
Service Mgr.
Instruments/instrument systems, control,

**oil/protein/fiber analyzers; analytical
laboratory equipment.**

Salamon & Seaber Ltd.

178 Old Street, London EC1 9BP, ENGLAND;
PH: 01/250-4058; TLX: 295179 (SALAB G);
FAX: 01/251-0018.
CONTACT: Albert A. Moulder
Analytical laboratories.

Sinar Technology ★

9, Waterside, Hamm Moor Lane, Weybridge,
Surrey KT15 2SN, ENGLAND; PH:
44/932/858287; TLX: 934534 (SIN UK G);
FAX: 44/932/858287.
CONTACT: Tony Haffenden, Mktg. Dir.
Instruments/instrument systems, moisture
testers, grain analyzers, oil/protein/fiber
analyzers.

SPP Cambridge ★

Station Road, Cambridge CB1 2JN, ENG-
LAND; PH: 44/223/460666; TLX: 81352 (SPP
G); FAX: 44/223/352012.
CONTACT: Roger Woodfield, Mktg. Dir.
EXPORTER: Soya bran, soya flour (full fat &
defatted), kibbled soya.

Van Den Berghs & Jurgens Ltd.

Affiliate of Unilever Ltd.
Sussex House, Burgess Hill, Civic Way,
West Sussex RH15 9AW, ENGLAND; PH:
044/46300.
Other Plants: Bromborough, Purfleet
CONTACT: B. P. Backlog, Oils & Fats Mgr.
Loading & unloading equipment, truck,
barge, rail, ship.

**GERMANY,
DEMOCRATIC REPUBLIC
(EAST GERMANY)**

**SKET - Schwermaschinenbau-
Kombinat Ernst Thälmann ★**

Marienstrasse 20, Postfach 7Z, Magdeburg
3011, GERMAN DEMOCRATIC REPUBLIC;
PH: 37/680; TLX: 08241 (SKET).
CONTACT: Swrlwd Wende
Commercial grain cleaners; cookers/
extruders/roasters; dehulling equipment;
drying & aeration equipment, conditioners &
coolers, grain dryers, meal dryers; flaking &
cracking equipment; presses, continuous
screw; screeners/screening equipment;

solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; solvent vapor detection & control; deodorization equipment; heat exchangers; oil dryers; refining/neutralization equipment, chemical; soapstock equipment; soy protein equipment & supplies; computer process control, hardware, programming, software; construction contractors, complete plants, protein plants.

GERMANY, FEDERAL REPUBLIC OF (WEST GERMANY)

Amandus Kahl Nachf.

Dieselstr. 5-9, P.O. Box 1246, Reinbek bei Hamburg 2057, FEDERAL REPUBLIC OF GERMANY; PH: 49/40/727-71-0; TLX: 217-875 (KAHL D); FAX: 49/40/727-71-100.

CONTACT: F. Kahl, Advertising Mgr.

Cookers/extruders/roasters; drying & aeration equipment, meal dryers; meal handling equipment, hammer mills, pelleting equipment.

Gebrüder Bauermeister & Co. ★

Verfahrenstechnik GmbH & Co., Oststrasse 40, Postfach 1268, Norderstedt/Hamburg D-2000, FEDERAL REPUBLIC OF GERMANY; PH: 49/40-526080; FAX: 49/40-52608199.

CONTACT: Gerhard F. Weilandt, Sales Mgr.

Flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pulverizing equipment.

CONDIMENTA Dr. E. Rendlen GmbH

Klagenfurter Str. 1-3, Postfach 300480, D-7000 Stuttgart 30, FEDERAL REPUBLIC OF GERMANY; PH: 711/813015; TLX: 0725-2248 (GWM D).

CONTACT: Bernd Hasenmaile, Mgr.

Trading company; IMPORTER: Soy bran, flour, concentrates, isolates and textured soy protein.

Davy Bamag GmbH ★

Affiliate of Davy McKee Aktiengesellschaft, Frankfurt Wetzlarer Str. 136, P.O. Box 460, Butzbach D-6308, FEDERAL REPUBLIC OF GERMANY; PH: 0049/6033/831; TLX: 418-4487 (DAVY D);

FAX: 0049/6033-83506.

CONTACT: M. Nikutowski, Sales Mgr.
Hydrogen generation equipment.

Extraktionstechnik Gesellschaft für Anlagenbau mbH ★

Affiliate of Deutsche Babcock Anlagen AG Winterhuder Weg 27, P.O. Box 760 369, D-2000 Hamburg 76, FEDERAL REPUBLIC OF GERMANY; PH: 40/22 92 70; TLX: 213093 (EXTR D); FAX: 040/227-8547.

CONTACT: Peter Witt

Drying & aeration equipment, conditioners & coolers, meal dryers; solvent extraction equipment; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; bleaching & filtering equipment; degumming equipment; deodorization equipment; fractionation equipment; hydrogenation equipment; refining/neutralization equipment, chemical, physical; soapstock equipment.

See Our Display Ad On Page 165

Industrie-Technik GmbH

Altn Graben 15, Postfach 5209, Konstanz D-7750, FEDERAL REPUBLIC OF GERMANY; PH: 07531/22007; TLX: 733351.

CONTACT: Gunther Weisener, Dipl.-Ing. (FH)
Consultants, equipment, plant layout, industrial processes; engineering services.

Interfood Deutschland GmbH

Affiliate of Interfood Luxembourg S.A. Louisenstrasse 120, P.O. Box 1751, Bad Homburg D-6380, FEDERAL REPUBLIC OF GERMANY; PH: 49/6172/40100; TLX: 415840 (FOOD D); FAX: 49/6172/459057.

CONTACT: Hans D. Kneer, Man. Dir.

Trading company; IMPORTER: Isolated soy proteins; soy concentrates; soy flours; soybeans (organic); textured soy proteins.

ISTA Mielke GmbH

Langenberg 25, P.O. Box 900803, 2100 Hamburg 90, FEDERAL REPUBLIC OF GERMANY; PH: 40/760-20-81; TLX: 217789 (ISTA D); FAX: 40/7607048.

CONTACT: Thomas Mielke, Assoc. Ed.
News wires, commodity; publications/informational services.

Franz Kirchfeld GmbH & Company KG ★

Moerssenbroicher Weg 200, P.O. Box 4626, Düsseldorf 4000, FEDERAL REPUBLIC OF

GERMANY; PH: 0211/618-940; TLX: 8583670; FAX: 0211/618-9411.

CONTACT: Bernd Kunze, Dept. Mgr.
Bleaching & filtering equipment; degumming equipment; deodorization equipment; hydrogenation equipment; refining/neutralization equipment, physical; soapstock equipment; construction contractors, complete plants.

Krupp Maschinentechnik GmbH, Werk Harburg ★

Seevestraße 1, Postfach 900552, 2100

Hamburg 90, FEDERAL REPUBLIC

OF GERMANY; PH: 49/40/771790;

TLX: 0217777 (HEBH D); FAX:

49/40/77179-325 or 77179-630.

Other Offices: Essen, Nordrhein, Westfalen

CONTACT: Horst Plato, Economist

Drying & aeration equipment, conditioners

& coolers; flaking & cracking equipment;

presses, continuous screw; solvent

extraction equipment; condensers; flake

desolventizers, flash/vapor, normal;

bleaching & filtering equipment; crude oil

storage (tanks); degumming equipment;

deodorization equipment; filter presses;

fractionation equipment; heat exchangers;

hydrogenation equipment; oil dryers;

refining/neutralization equipment, chemical,

physical; soapstock equipment; shortening

equipment; construction contractors,

complete plants; engineering services;

inspection services.

Lurgi GmbH ★

Lurgiallee 5, P.O. Box 11 12 31, 6000 Frankfurt

11, FEDERAL REPUBLIC OF GERMANY;

PH: 069/5808-3802; TLX: 412360 (LG D);

FAX: 069/5808-3888.

CONTACT: Georg Penk, Asst. Vice Pres.

Solvent extraction equipment; condensers;

flake desolventizers, flash/vapor, normal;

solvent extraction distillation equipment;

bleaching & filtering equipment; degum-

ming equipment; deodorization equipment;

fat splitters; fatty acid distillation equip-

ment; hydrogen generation equipment;

hydrogenation equipment; oil dryers;

refining/neutralization equipment, physical.

Maschinenfabrik Reinartz GmbH & Co. KG ★

Industriestrasse 14, P.O. Box 10 09 50,

D-4040 Neuss 1, FEDERAL REPUBLIC OF

GERMANY; PH: 49/2101-272028; TLX:

8517740 (MRN D); FAX: 49/2101-275381.

CONTACT: Manfred Boss, Man. Dir.

Cookers/extruders/roasters; flaking & cracking equipment; presses, continuous screw.

Noblee & Thorl GmbH

Seehafenstrasse 24, P.O. Box 901040,

D-2100 Hamburg 90, FEDERAL REPUBLIC

OF GERMANY; PH: 040/76693-0; TLX:

217713 (NOBL D).

CONTACT: Rolf Spindler, Purchasing Mgr.

EXPORTER: Refined soybean oil, refined &

hardened soybean oil; **IMPORTER:** Crude

soybean oil.

Carl Aug. Picard GmbH & Co. KG ★

Hasteraue 9, P.O. Box 140440, D-5630

Remscheid, FEDERAL REPUBLIC OF

GERMANY; PH: 49/2191/893-0; TLX: 8513906

or 8513809 (PICA D); FAX: 893-111.

Other Offices: Newcastle-under-Lyme, Staffs,

ENGLAND (office); Battle Creek, MI (mfg.);

HONG KONG (mfg.)

CONTACT: Anne Jaeger, Secy. to Sales Dir.

Milling equipment supplies, spare parts &

repair; presses, continuous screw.

Ponndorf Maschinenfabrik GmbH ★

Leipziger Strasse 374, P.O. Box 102860,

Kassel D-3500, FEDERAL REPUBLIC

OF GERMANY; PH: 561/51140; TLX:

99760 (PONKAS).

CONTACT: Peter Boll

Drying & aeration equipment, meal dryers;

presses, continuous screw.

Schwäbische Hüttenwerke GmbH (SHW) ★

Heidenheimer Strasse 1, P.O. Box 40, D-7923

Königsbronn, FEDERAL REPUBLIC OF

GERMANY; PH: 49/7328-830; TLX: 714801;

FAX: 49/7328-8318.

Other Offices: Ansonia, CT (SHW, Inc.—mfg.)

CONTACT: Thomas Volk, Mgr. Sales

Soybean storage equipment & supplies,

elevator & silo storage; flaking & cracking

equipment.

Süd-Chemie AG ★

Lenbachplatz 6, Postfach 20 22 40, 8000

München 2, FEDERAL REPUBLIC OF

GERMANY; PH: 089/5110-0; TLX: 523821 or

See Glossary
For A Complete
Definition Of Terms

523872 (SCMU D); FAX: 089/5110-375.

CONTACT: R. Christians
Bleaching clays/earths;
hydrogenation catalysts.

Sulzer Escher Wyss GmbH

Escher Wyss Str 25, P.O. Box 1380, D-7980
Ravensburg, FEDERAL REPUBLIC OF
GERMANY; PH: 49/751-832441; TLX: 732901
(EWRV D); FAX: 49/751-832396.

CONTACT: Gerd Florin, Dipl. Ing.
Coolers, fluidized bed; dehulling equipment;
drying & aeration equipment, conditioners
& coolers, meal dryers; flaking &
cracking equipment.

Unichema Chemie GmbH ★

P.O. Box 1280, D-4240 Emmerich, FEDERAL
REPUBLIC OF GERMANY; PH: 02822-720;
TLX: 812-5113; FAX: 02822-72276.

CONTACT: R.A. Joosten, Product Gr. Mgr.
Hydrogenation catalysts.

Westfalia Separator AG ★

Box 3720, Oelde 4740, FEDERAL REPUBLIC
OF GERMANY; PH: 0049/12522-770;
TLX: 89474; FAX: 02522/177-2488.

CONTACT: Hans-Jürgen Korbai,
Dipl. Engineer
Centrifuges.

FRANCE

Central Soya (France) S.A. ★

9-11 Arago, B.P. 108, Trappes 78191,
Cedex, FRANCE; PH: 33/1/305-01327;
FAX: 33/1/306-61384.

CONTACT: M. H. Neirynck, Country Mgr.
IMPORTER: Soybean meal.

GIE Grainval

1 Avenue De Vendôme, B.P. 731, Blois
41007, Cédex, FRANCE; PH: 54/787183;
TLX: 750246; FAX: 54/745399.

CONTACT: Isabelle Molina
Consultants, industrial processes, plant
layout, product development.

Profat Courtage ★

7 Avenue de Château du Loir, Courbevoie 92
400, FRANCE; PH: 33/1/47-888877; TLX:
610675 (PROFATN); FAX: 33/1/47-899955.

CONTACT: Bernard Chive, Mgr.
Broker, cash/product, futures.

Riz & Denrees S.A.

34, Avenue George V, 75008 Paris, FRANCE;
PH: 33/1-47237854; TLX: 640830 (DENRI).
CONTACT: Olivier de Ducla, Mgr. Oils Dept.
Trading company in soyabean oil.

SERCOM S.A. ★

6 Avenue Charles De Gaulle, Le Chesnay
78150, FRANCE; PH: 39/546100; TLX:
697164 (SERCOM); FAX: 39/633478.

CONTACT: Jonathan Wright, Mgr.
Broker, cash/product.

Societe Mediterraneene pour les Echanges et les Realisations Commerciales (SOMERCOM)

16, Place du Havre, 75009 Paris, FRANCE;
PH: 33/1/4874-65-05 or 33/1/4874-65-59;
TLX: 642142 (SOMETRA F); FAX:
33/1/42-81-20-05.

CONTACT: Raoul Gamon, Gerant
Broker.

GUATEMALA

Alimentos S.A.

Carretera a el Salvador, Km. 14 1/2, P.O.
Box 8, Guatemala City, GUATEMALA; PH:
502/9/301268; TLX: 4182 (CERCEN GU);
FAX: 502/9/301816.

CONTACT: Carlos F. Tejada, Gen. Mgr.
EXPORTER: Textured soy; **IMPORTER:**
Soybean meal, soybean meal flour.

HONDURAS

Alimentos Concentrados Nacionales, S.A. (ALCON) ★

Subsidiary of Cargill Inc.
Apartado Postal 283, San Pedro Sula,
HONDURAS; PH: 504/53-0110 or
504/53-4490; TLX: 5576 (ALCON HT).
CONTACT: Jimmie N. Taylor, Gen. Mgr.
IMPORTER: Soybean meal 48%; 15,000MT
per year.

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HONG KONG

Universal Seeds & Oil Products Ltd. (USOP) ★

Affiliate of Eisenberg & Company (H.K.) Ltd.
St. John's Building, 15th Floor, 33 Garden Road, G.P.O. 774, Hong Kong, HONG KONG;
PH: 852/5/215-566-60; TLX: 73273 (EISCO HX); FAX: 852/5/297-390.

Other Offices: London, ENGLAND (USOP Ltd. c/o INDEXCO Ltd.); New York, NY (c/o Eisenberg & Co., Inc.); Beijing, PEOPLE'S REPUBLIC OF CHINA (c/o U.D.I. Ltd.)

CONTACT: Kenneth Green, Office Dir.
Construction contractors, complete plants; consultants, equipment, industrial processes, plant layout, product development; engineering services; Marketing consultant; trading company.

distillation equipment; solvent vapor detection & control; agitators (liquid); bleaching & filtering equipment; bleaching clays/earths; crude oil storage (tanks); degumming equipment; deodorization equipment; filter presses; heat exchangers; hydrogen generation equipment; hydrogenation catalysts; hydrogenation equipment; oil dryers; refining/neutralization equipment, conventional caustic, physical; soapstock equipment; soymilk & tofu equipment & supplies; soyfoods packaging equipment & supplies; soy protein equipment & supplies; cleaning/sanitizing equipment & supplies; used equipment; waste water treatment equipment; consultants, equipment, plant layout, product development; engineering services; inspection services.

Davy Powergas India Private Ltd.

2540 Dr. Annie Besant Road, P.O. Box 9101, Bombay 40025, INDIA; PH: 493-4221; TLX: 1171623.

CONTACT: Rama Iyer

Solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; construction contractors, complete plants, protein plants; consultants, equipment, industrial processes, plant layout, product development; engineering services.

HUNGARY

Grain Trust-Hungary

Dorottya 1, P.O. Box 232, Budapest 1368, HUNGARY; PH: 36/1/183900; TLX: 22-4451.

CONTACT: Daniel Lacfi, Gen. Mgr.
Publications/Informational services.

Do-Well Oil Plants Pvt. Ltd.

306, Manish Commercial Centre, Dr. Annie Besant Rd., Worli, Prabhadwi Branch, Bombay 400025, INDIA; PH: 4934056 or 4936350 or 4937219.

Mfg. Facility: Bombay, INDIA

CONTACT: Devinder Malhotra, Man. Dir.
Anti-caking agents; cookers/extruders/roasters; coolers, fluidized bed; dehulling equipment; drying & aeration equipment, meal dryers; flaking & cracking equipment; meal handling equipment, pelleting equipment, mixing equipment (dry), pulverizing equipment; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; heat exchangers; hydrogen generation equipment; hydrogenation equipment; refining/neutralization equipment, conventional caustic; soapstock equipment; emulsifiers; margarine equipment; shortening equipment.

INDIA

Cottor International

Affiliate of Cottor Plants (India) Pvt. Ltd.
303 Vikas Building, 11 N.G.N. Vaidhya Marg (Bank Street), Fort, Bombay 400 023, Maharashtra, INDIA; PH: 91/22/286-1349 or 294765 or 312586; TLX: 011-3565 (COTR IN).

CONTACT: Ram Dayal S. Bohra, Chief Exec.
Aspirators; conveyors (drag or en masse); commercial grain cleaners; dust control systems & supplies; cookers/extruders/roasters; coolers, fluidized bed; dehulling equipment; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, hammer mills, mixing equipment (dry); milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; solvents; solvent extraction

Flour & Food Ltd.

10/11, Yeshwant Niwas Road, Indore
452 003, M. P., INDIA; PH: 91/731/37365-69
(5 lines); TLX: 735-216 (FOOD IN) or 735-378
(ALSO IN); FAX: 91/731/32926 (Indore) or
91/731/22-2041964 (Bombay).

Other Offices: Bombay, Maharashtra; New
Delhi, INDIA

CONTACT: S. G. Bhandari

**Trading company; supplier of soybean for
food use; EXPORTER:** Soybean meal.

General Foods Limited

101, Mahakosh House, 7/5, South Tukoganj,
Opp. Nathmandir, Indore 452 001, Madhya
Pradesh, INDIA; PH: 91/0731/23281 (5 lines);
TLX: 0735-203 (MSS IN) or 011-3273 (GFPL
IN); FAX: 91/0731/21726 (GFL IN).

Other Offices: Bombay, Maharashtra, INDIA

CONTACT: Suresh Shahra

EXPORTER: Soybean extraction/meal.

Geo-Chem Laboratories Pvt. Ltd.

294 Shahid Bhagat Singh Road, Bombay
400001, INDIA; PH: 91/22/265217; TLX:
81-11-73912; FAX: 91/22/265217.

CONTACT: Rajesh Bahl, Dir.

**Analytical laboratories; inspection services;
weighing services & surveys.**

Kapil Agro Ltd.

36 Chowringhee Road, Calcutta 700071, West
Bengal, INDIA; PH: 091/033-291758; TLX:
021-7412 (IJCA IN).

Other Plants: Narsinghpur, M.P., INDIA

CONTACT: H. K. Jalan, Dir.

EXPORTER: Deoiled soy meal.

Schokhi Industrials Pvt. Ltd. ★

Schokhi House, Ground Floor, French Bridge,
Opera House JN, Bombay 400007, Maharash-
tra, INDIA; PH: 91/22/380158 or 368255;
TLX: 1174535 (SOKI IN).

CONTACT: Nitin Goel, Dir.

**Consultants, equipment, product develop-
ment; inspection services; weighing
services & surveys; Broker, cash/product,
futures; financial, banker, commodity
hedger, economic forecaster; forwarding
agent; marketing consultant; trading
company; warehousing: export/import,
ocean port terminal; news wires, commod-
ity; publications/informational services;
EXPORTER:** Soybean meal.

Spads Biotechnica (P) Ltd. ★

14 Vikas Park, P.O. Box 18282, Juhu Tara
Road, Bombay 400049, INDIA; PH: 6141247;
TLX: 1171419 (PALMIN ATTN SPADS).

CONTACT: Dev Sharma, Dir.

Anti-caking agents; antioxidants.

Troika Processes Pvt. Ltd.

607 Embassy Centre, Nariman Point, Bombay
400021, INDIA; PH: 234429; TLX: 11-5335
(TROK IN).

CONTACT: P. G. Bhandari, Man. Dir.

**Soybean storage equipment & supplies,
elevator & silo storage; cookers/extruders;
dehulling equipment; flaking & cracking
equipment; meal handling equipment,
hammer mills, mixing equipment (dry),
pelletizing equipment, pulverizing equipment;
milling equipment supplies, spare parts &
repair; presses, continuous screw, hydrau-
lic; screeners/screening equipment; solvent
extraction equipment; condensers; flake
desolventizers, normal DT, flash/vapor;
solvent extraction distillation equipment;
agitators (liquid); bleaching & filtering
equipment; crude oil storage (tanks);
degumming equipment; deodorization
equipment; fat splitters; fatty acid distilla-
tion equipment; filter presses; heat
exchangers; hydrogen generation equip-
ment; hydrogenation equipment oil dryers;
refining/neutralization equipment, conven-
tional caustic, physical; soapstock equip-
ment; winterization equipment; margarine
equipment; soy protein equipment &
supplies; construction contractors,
complete plants; consultants, equipment,
industrial processes, plant layout;
engineering services.**

ISRAEL**Einhorn's Sons Ltd.**

47 Wolfson Street, P.O. Box 524, Tel Aviv
61004, ISRAEL; PH: 972/3/379126;
TLX: 35555 (EINH IL); FAX: 972/3/379131.

CONTACT: Shlomo Einhorn, Man. Dir.

Broker, cash/product; trading company.

H.L.S. Ltd. ★

Kiriat-Arie, P.O. Box 193, Petah-Tikva 49101,
ISRAEL; PH: 972/3/925-6238; TLX: 381125
(ETZHL IL); FAX: 972/3/925-6289.

CONTACT: E. Danin, Man. Dir.

**Cookers/extruders/roasters; solvent
extraction equipment; condensers; flake
desolventizers, flash/vapor, normal; solvent
extraction distillation equipment; bleaching
& filtering equipment; crude oil storage**

(tanks); degumming equipment; deodorization equipment; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, physical; soapstock equipment; construction contractors, complete plants; consultants, equipment, industrial processes, plant layout, product development; engineering services.

Hayes General Technology Company Ltd. ★

Misgav Dov 19, Mobile Post Emek Sorek 76867, ISRAEL; PH: 972/8/592925; TLX: 381240 (HGEMC IL); FAX: 972/8/596346.
Other Offices: Gedera (two—Hayes Gen. Tech. & General Feeds Co.); Misgav Dov (Hayes Engineering Co.)
CONTACT: Daniel Chajuss, Dir.
Meal handling equipment, pulverizing equipment; milling equipment supplies, spare parts & repair; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; soy protein equipment & supplies; construction contractors, complete plants, protein plants; consultants, equipment, plant layout, industrial processes, product development; contract research (pilot scale); engineering services; Marketing consultants; trading company.

Israel Export & Trust Corp. ★

13 Carlebach Street, P.O. Box 20236, Tel Aviv 61200, ISRAEL; PH: 972/3/299102; TLX: 33460 (OILEX).
CONTACT: Abraham Lender, Gen. Dir.
EXPORTER: Soybean products;
IMPORTER: Soybeans.

ITALY

CICAM S.R.L.

Via G. Cavalcanti, 14, 20127 Milano, ITALY; PH: 02/289-4415/282-0694; TLX: 315498 (CICAM); FAX: 02/284-7757.
CONTACT: Lucio Rinaldi, Gen. Mgr.
Trading company; warehousing: export/import; IMPORTER: Isolated soy protein, soy flours, TVP, soy milk, soy grits.

Costruzioni Meccaniche Bernardini S.p.A. ★

Affiliate of Ballestra Group
 Via dei Castelli Romani, 2L, Pomezia 00040,

Rome, ITALY; PH: 39/06/912-0251 (6 lines); TLX: 610220 (CMB I); FAX: 39/06/910-6762.
CONTACT: Mario Bernardini, Man. Dir.
Cookers/extruders/roasters; dehulling equipment; flaking & cracking equipment; milling equipment supplies, spare parts & repair; screeners/screening equipment; solvent extraction equipment; condensers; solvent extraction distillation equipment; solvent vapor detection & control; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogen generation equipment; hydrogenation equipment; oil dryers; refining/neutralization equipment, physical; soapstock equipment; margarine equipment; shortening equipment; construction contractors, complete plants; engineering services.

Fratelli Gianazza S.p.A.

Viale Cadorna 78-84, Lagnano 20025, ITALY; PH: 0039/331/546381; TLX: 331096 (GIAFRA); FAX: 0039/331/546342.
CONTACT: Osvaldo Gianazza, Gen. Mgr.
Solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, conventional caustic, physical; soapstock equipment; winterization equipment; shortening equipment; construction contractors, complete plants.

G. Mazzoni S.p.A.

Viale Trentino 10/12, Busto Arsizio 21052, Varese, ITALY; PH: 331/684064; TLX: 330576 (GMAZZ) or 325836 (GMAZZ); FAX: 331/684511.
CONTACT: Lodovico Frontero, Process Engineer
Solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; solvent vapor detection & control; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, conventional

caustic, physical; soapstock equipment; winterization equipment.

Meccaniche Moderne SRL

C. So. Sempione 32, P.O. Box 388, Busto Arsizio 21052, ITALY; PH: 0039/331/629145 or 631012; TLX: 330617 (MECMOD I); FAX: 0039/331/634350.

CONTACT: S. Mangiafico, Comm. Dir.
Bleaching & filtering equipment; deodorization equipment; soapstock equipment.

JAPAN

Advance Foods, Inc. ★

Hoko Bldg., 501, Ginza 1-8-19, Chuo-Ku, Tokyo 104, JAPAN; PH: 81/03-562-3925; TLX: 252-3295 (PWPTOK J); FAX: 81/03-561-2796.
CONTACT: Kim Saito, Dir.
Engineering services; Marketing consultant.

GENEX Corporation ★

1-15-6 Ginza, Chou-ku, Tokyo, JAPAN; PH: 81/3/563-6211.

Other Offices: New York, NY
CONTACT: Katsumi Iida, Pres.
Publications/Informational services.

C. Itoh & Co., Ltd. (Tokyo) ★

5-1, Kita-Aoyama, 2-Chome, Minatoku, C.P.O. Box 136, Tokyo 100-91, JAPAN; PH: 3/497-6068; TLX: J23111 (ITOHCHU); FAX: 3/497-6085.

CONTACT: Tatsuo Inoue
Trading company; IMPORTER: Soybeans; soy oil (crude & refined); soy meal.

Kawanishi Shoko Company Ltd. ★

340 Kuden-Cho, Sakae-ku, Yokohama, JAPAN; PH: 81/45/892-5547; CABLE: KAWANISHI SHOKO.

Other Offices: Los Angeles, CA
CONTACT: Satoru Haraguchi
Commercial grain cleaners; soymilk & tofu equipment & systems; soyfoods packaging equipment & supplies.

Mitoku Company Ltd. ★

Room 257, Tokyo Bldg., 2-7-3 Marunouchi, Chiyoda ku, C.P.O. Box 780, Tokyo 100-91, JAPAN; PH: 81/3/201-6701; TLX: 34698 (DAISHO J); FAX: 81/3/201-6708.

CONTACT: Christopher Dawson, Int'l. Sales Mgr.

Soy milk & tofu equipment & supplies; soyfoods packaging equipment & supplies; EXPORTER: Johsen shoyu; Sakae shoyu; Mansan organic tamar; Johsen miso; Onozaki miso; Hatcho miso; Mansan miso; Mitoku macrobiotic shoyu & miso; IMPORTER: Organic soybeans.

Miura Engineering Company, Ltd. ★

3-1-11, Ojima, Koto-ku, Tokyo 136, JAPAN; PH: 03/685-7983; FAX: 03/637-9674.

CONTACT: Shigeo Miura, Pres.
Instruments/Instrument systems, control, flow measurement; cookers/extruders/roasters; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogen generation equipment; hydrogenation equipment; refining/neutralization equipment, physical; soapstock equipment; margarine equipment; shortening equipment; cleaning/sanitizing equipment & supplies; waste water treatment equipment; computer process control, programming; construction contractors, complete plants; consultants, plant layout; engineering services.

Nippon Yuryo Kentel Kyokai

No. 9, Kaigan-Dori, 3-Chome, Naka-ku, Yokohama 231, JAPAN; PH: 045/201-8337; TLX: 3823123 (NYKK J).

Other Offices: Kobe; Chiba; Kashima, JAPAN
CONTACT: Akira Hinokuma, Pres.
Analytical laboratories; inspection services; weighing services & surveys.

Nissho Iwai Corporation

2-4-5 Akasaka, Minato-ku, Tokyo, JAPAN; PH: 81/03/588-3504; FAX: 81/03/588-3777.

Other Offices: New York, NY
CONTACT: Mitsuyuki Nishimura, Mgr.
Trading company; EXPORTER: Soybeans, soy protein, soy oil, lecithin; IMPORTER: Soy protein, shortening.

Nosawa & Company, Ltd. ★

3-4-1 Marunouchi, Chiyoda-ku, Tokyo 100, JAPAN; PH: 81/321-63469; TLX: J-22293 or

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J-22311; FAX: 011/813/201-3039.

Other Offices: New York, NY

CONTACT: H. Inoue, Mach. Div. Mgr.

Cookers/extruders/roasters; soymilk & tofu equipment & systems.

Sato & Company, Ltd. ★

3-33-9 Nakano, 3 Chome, Nakano-ku,
Tokyo 164, JAPAN; PH: 81/3/382-0761;

TLX: 2323116; FAX: 81/3/384-9313.

CONTACT: J. Takahashi, Export Mgr.

Soymilk & tofu equipment & supplies.

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Sumitomo Corporation ★

Sumitomo Kurita Building, 24-1, Kandanisikicho

3-Chome, Chiyoda-ku, P.O. Box 1524,

Tokyo 100-91, JAPAN; PH: 81/03/296-2752;

TLX: J22202 (SUMIT); FAX: 03/296-3549.

CONTACT: Susumo Ono, Mgr., Soybean &
Rapeseed Sect.

IMPORTER: Soybeans; soybean oil;
soybean meal.

**Takai Tofu & Soymilk
Equipment Company ★**

1-1 Inari, Nonoichi-machi, Ishikawa-gun 921,

Ishikawa-ken, JAPAN; PH: 0762/94-1712;

TLX: 5122777 (TAKAI J); FAX: 0762/48-5457.

Other Offices: Setagaya-ku, Tokyo;

Toyonaka-shi, Osaka; Sapporo-shi, Hokkaido.

CONTACT: Wataru Takai, Sr. Dir.

Soymilk & tofu equipment & supplies.

**KOREA, REPUBLIC OF
(SOUTH KOREA)**

Dong Bang Corporation ★

2, 4-Ka, Yangpyung-dong, Youngdeungpo-Ku,

C.P.O. 3031, Seoul 150-104, SOUTH KOREA;

PH: 822/676-9121; TLX: K27334 (DBCORP);

FAX: 822/675-4961 or 7339.

Other Offices: Incheon; Chinhae; Pusan

CONTACT: Jang Hong Yoo, Dir.

EXPORTER: Soybean oil; soybean
meal; soybean protein; **IMPORTER:**

Soybeans (yellow).

Dr. Chung's Foods Company, Ltd.

Kinam Building, 10th Floor, San 75-31,

Yeoksam-dong Kangnam-ku, Seoul 135,

SOUTH KOREA; PH: 82/02/55-30821;

TLX: 0601-29560 (VEGEMIL K).

Other Offices: Yongin-Gun,

Kyunggi-Do, KOREA

CONTACT: C. Hwang, Mgr., Overseas

Bus. Dept.

EXPORTER: VEGEMIL and WOOREAN

soy beverages.

KUWAIT

Mubarakiah Poultry & Feed Co. ★

P.O. Box 24418, Safat 13105, KUWAIT;

PH: 965/484-1786 or 965/484-1983 or

965/484-9085; TLX: 44556 (POULTCO KT);

FAX: 965/484-5634.

CONTACT: Abdul M. Al-Farhan, Man. Dir.

IMPORTER: Soyabean meal, 44% minimum
protein; soyabean oil.

MALAYSIA

**Dindings Soya &
Multifeeds Sdn. Berhad**

Wisma MCA, 10th Floor, 163 Jalan Ampang,

P.O. Box 10537, Kuala Lumpur 50450,

MALAYSIA; PH: 03-2619055; TLX: MA 30378

(FLOUR); FAX: 2610502.

CONTACT: Teh L. Teik, Chman.

IMPORTER: Soybeans; soybean meal.

MALTA

Andrews Feeds (Malta) Ltd. ★

Affiliate of Andrews Milling Ltd.,

Belfast, N. IRELAND

Valletta Road, Luqa, P.O. Box 433, Valletta,

**— All Listings Are Free Of Charge —
Please Contact Soyatech, Inc. for more information**

MALTA; PH: 0356/621735; TLX: 1365
(ANDRWS MW); FAX: 0356/232163.
CONTACT: Joseph De Battista, Man. Dir.
IMPORTER: Soyabean meal for the
production of balanced animal feeds.

MEXICO

Aceltes Industriales El Zapote

Presidente Juarez 201, Mexico City 54090,
D.F., MEXICO; PH: 398/9900-011525; TLX:
172613 (ELZAME); FAX: 011/525-398-9329.
Other Offices: Houston, TX
CONTACT: Eugenio Gomez
Marketing consultant; trading company;
supplier of soybeans for food use;
EXPORTER: Crude soy oil.

Banamex, S.N.C. ★

Andres Bello No. 45, Piso 8-1/2, Col. Polanco,
Mexico 11560, D.F., MEXICO; PH: 91/5/250-
9220 or 250-9221; TLX: 17-73149 (BN MX).
Broker, futures; financial, commodity
hedger, economic forecaster.

J. L. Escamilla Comisiones y Representaciones

Paseo de la Reforma 76-1302, P.O. Box 775,
Mexico 06000, D.F., MEXICO; PH: 905/5/546-
1887 or 546-1921; TLX: 1774446 (JLEPME);
FAX: 905/5/535-2436.
CONTACT: Jose L. Escamilla, Dir.
Broker, cash/product.

Promagri S.A. de C.V.

Mexico Num. 204-3 Col Guadalupe,
Tampico 89120, Tamaulipas, MEXICO;
PH: 91/12/13-25-90.
Other Offices: Mante, Tamaulipas, MEXICO
CONTACT: Benito Arguello-Rey, Gen. Dir.
Soybean seed supplier.

Quimica Sumex, S.A. de C.V. ★

Affiliate of Süd Chemie, A.G. (Munich)
Conjunto Plaza Inn, Av. Insurgentes Sur
#1971, Apartado Postal 19-201, Mexico City
01030, D. F., MEXICO; PH: 5/548-6720 or
548-6721 or 548-6722; TLX: 1771707
(OSUXME) or 1771020 (SUMXME);
FAX: 5/548-3344.
Other Offices: Mexico City, MEXICO
(Comercial Sumex, S.A. de C.V.)
CONTACT: Gerardo Feldhaus, Comm. Dir.
Bleaching clays/earths; Broker, cash/
product, futures.

NEPAL

Shree Shiv Shakti Ghee Udyog Pvt. Ltd.

Mercantile Building, Adarsha Nagar, P.O.
Box 76, Birganj, Narayani Zone, NEPAL;
PH: 00977/51/21384; TLX:4007 (SIKRIA NP);
FAX: 00977/51/21906.
CONTACT: Dwarka P. Sikaria, Man. Dir.
IMPORTER: Crude degummed soybean
oil, RBD soybean oil, hydrogenated
soybean oil.

NETHERLANDS

Amafilter B.V. ★

Kwakelkade 28, P.O. Box 396, 1800 AJ
Alkmaar, NETHERLANDS; PH: 31/72-152414;
TLX: 57291 (AMAL NL); FAX: 31/72-125207.
Other Offices: Düsseldorf, FEDERAL
REPUBLIC OF GERMANY (Amafilter Deutsch-
land GmbH); Pontoise, FRANCE (Amafilter
S.A.R.L.); London, ENGLAND (Amafilter
UK Ltd.)
CONTACT: Bernard Broens, Prod. Mgr.
Bleaching & filtering equipment.

Caleb Brett & Son (Continental) B.V. ★

Leerlooierstraat 135, Hooguliet RT 3194 AB,
NETHERLANDS; PH: 31/10 4282655; FAX:
31/10 4297140.
Other Offices: Jefferson, LA (Caleb Brett
U.S.A. Inc.)
CONTACT: Flip Oosthoek, Agri. Mgr.
Analytical laboratories; inspection services;
weighing services & surveys.

Central Soya Overseas B.V.

Affiliate of Central Soya Company
Chemurgy Division, Veerlaan 17-23, P.O. Box
5063, Rotterdam 3072AN, NETHERLANDS;
PH: 31/010/423-9600; TLX: 20041 (CNSOY
NL); FAX: 31/010/4230897.
CONTACT: James P. King, Sales &
Mktg. Mgr.
Marketing consultant; trading company;
warehousing; export/import, ocean port
terminal; supplier of soybeans for food use;
EXPORTER: Soy proteins; soy lecithins;
IMPORTER: Soy proteins; soy lecithins.

Goudsmilt Magnetic Systems B.V. ★

Petunialaan 19, P.O. Box 18, Aalst-Waarle

5580 AA, Noord Brabant, NETHERLANDS;
PH: 31/4904/13283; TLX: 51991 (GOUMA NL);
FAX: 31/4904/17325.

CONTACT: Martin J. Goudsmit, Man. Dir.
**Instruments/instrument systems, quality control
metal detection; magnetic separators; cleaning/
sanitizing equipment & supplies (magnetic).**

**Graan Elevator Maatschappij
(G.E.M.) B.V. ★**

Affiliate of HES Beheer N.V.
MAIN OFFICE: P.O. Box 1151, 3180
AD Rozenburg Z-H, NETHERLANDS;
PH: 01819/62988; TLX: 29881 (GEMEU NL);
FAX: 01819/58144.

Other Offices: GEM Bottek
Terminal, Rotterdam
CONTACT: N. C. van Viersen, PR Mgr.
**Warehousing: export/import, ocean
port terminal.**

**Graan Elevator Maatschappij
(G.E.M.) B.V.**

Brielselaan 85, P.O. Box 5496, 3008 AL
Rotterdam, NETHERLANDS; PH: 10/4855122;
TLX: 28897; FAX: 10/484-4245.

CONTACT: K. M. de Zeeuw, PR Office
**Warehousing: export/import, ocean
port terminal.**

**Liquid Filtration
Consultants (LFC) ★**

Lochem BV, Havenstraat 5, P.O. Box
35, Lochem 7240 AA, NETHERLANDS;
PH: 31/05730-54631; TLX: 49326; FAX:
31/05730-57132.

Other Offices: Dunedin, FL (Florida
Industrial Filters)
CONTACT: Frank Veldkamp, Comm. Dir.
**Screeners/screening equipment;
bleaching & filtering equipment; filter
presses; hydrogenation equipment;
consultants, equipment.**

Mostert Oilseeds BV ★

Sleeuwijksedijk 26°, P.O. Box 150,
Werkendam 4250 DD, NETHERLANDS;
PH: 01835-2600; TLX: 24657 (ZMOS NL);
FAX: 01835-2905.

CONTACT: Gerrit Mostert, Dir.
Broker, cash/product.

A. Reinstein & Sons Ltd. ★

Stationsplein 45, P.O. Box 29107, Rotterdam

3001 GC, NETHERLANDS; PH: 10/413-5070;
TLX: 21111 (ARSO NL); FAX: 10/414-4097.

Other Offices: Hamburg, FED. REPUBLIC OF
GERMANY (A. Reinstein & Zonen GmbH)
CONTACT: Aartje J. E. Priem-Meddler, Secy.
Broker, cash/product, futures.

**Rotterdamsche Margarine
Industrie B.V. (ROMI)**

Kon. Wilhelminahaven N.2.17, P.O. Box 20,
Vlaardingen 3130 AA, NETHERLANDS; PH:
10/434-0311; TLX: 25770; FAX: 010/435-3627.

CONTACT: L. Albert van Marion, Dir.
**Broker, cash/product; trading company; news
wires, commodity, publications/informational
services; EXPORTER: Refined soy oil;
IMPORTER: Crude soy oil.**

Schouten/Giessen NV ★

Burgstraat 12, P.O. Box 1, Giessen 4283 ZG,
N. Brabant, NETHERLANDS; PH: 01832/1141;
TLX: 21159; FAX: 01832/1615.

CONTACT: A.G. van der Werf, Dir.,
Trading Div.
**EXPORTER: SOYAX & SOYAX-F raw
materials for animal feeding;
IMPORTER: soybeans.**

NEW ZEALAND

Opco Industries Ltd.

17 Keeling Road, P.O. Box 21-123,
Henderson, Auckland 8, NEW ZEALAND;
PH: 0064/09-8370760; TLX: 21120.
CONTACT: Peter Doig, Gen. Mgr.
**Trading company; IMPORTER: Soybean
vegetable oils.**

NORWAY

Norsk Hydro Electrolysers

P.O. Box 70, Notodden N-3671, NORWAY;
PH: 47/36-17100; TLX: 21124 (HYDRO N);
FAX: 47/36-12003.

Other Offices: Chester, ENGLAND
CONTACT: Per H. Claussen, Mktg. Mgr.
Hydrogen generation equipment.

Should **YOUR COMPANY** Be Listed In The '91 Soya Bluebook?

PHILIPPINES

Daily Harvest Manufacturing & Marketing Corp.

21st Railroad Street, Port Area, P.O. Box 1144, Manila, PHILIPPINES; PH: 408245; TLX: 63240 (ETPPDR PN).

CONTACT: Singker U. Siahetiong, Sales Mgr.
IMPORTER: Red soy oil from Singapore.

EI Vic Trading & Development Corporation

M.de Binondo St., Rm. 315/317, Federation Ctr. Bldg., P.O. Box 4506, Manila, PHILIPPINES; PH: 47-71-91/47-66-97; TLX: (Globe-Mackay) 41164 (ELVIC PM); FAX: 632/40-22-38.

CONTACT: Elpidio Duca, Pres.
Broker, futures, cash/product; trading company; EXPORTER: Soybean meal;
IMPORTER: Soybean meal.

PORTUGAL

TAGOL S.A. ★

Campo Grande, 28-6º, Lisbon 1700, PORTUGAL; PH: 351/1/767521; TLX: 14187 (TAGOL P); FAX: 765079.

CONTACT: Manuel Mourão, Vice Pres.
EXPORTER: Soybean meal, fully refined soybean oil, shortenings; margarine;
IMPORTER: Soybeans.

Transcomércio, Companhia de Comércio Internacional, S.A. ★

Rua Tierno Galvan, Torre 3 - 16º B, Lisbon 1200, PORTUGAL; PH: 351/1-651700; TLX: 65816 (SCOMER P); FAX: 653314.

CONTACT: Fernando Nunes, Dir.
Trading company; IMPORTER: Soybean meal/pellets.

SAUDI ARABIA

Saudi Davy Co. Ltd.

Alfadl Building, Suite 4, P.O. Box 1006, Dammam, SAUDI ARABIA; PH: 834-4277; TLX: 6062615 (DAVY DM); FAX: 834-3057.
Solvent extraction equipment; condensers;

flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; construction contractors, complete plants, protein plants; consultants, equipment, industrial processes, plant layout; engineering services.

SINGAPORE

Alfa Laval South East

Asia Pte. Ltd. ★

Affiliate of Alfa Laval Food Engineering AB (Sweden)

No. 11, Joo Koon Circle, Jurong 2262, SINGAPORE; PH: 65/862-2711; TLX: RS 50100 (ALFAVAL); FAX: 65/862-3072.

Other Offices: Lund, SWEDEN (Alfa-Laval Food Eng. AB)

CONTACT: Monica Kjellker Gimre, R & D Mgr.
Centrifuges; heat exchangers; soymilk & tofu equipment & supplies; soy protein equipment & supplies; cleaning/sanitizing equipment & supplies; analytical laboratories; computer process control, programming, software; construction contractors, complete plants; consultants, equipment, plant layout, industrial processes, product development; engineering services.

Hong Guan Huat Kee ★

No. 2, Lorong 24A, Geylang Road, Singapore 1439, SINGAPORE; PH: 65/744-4808 or 744-5711.

CONTACT: Tan Hong Nguang, Owner
Soybean seed supplier; supplier of soybeans for food use.

SOUTH AFRICA

Chempro (Pty) Ltd.

Incorporating Chemtra (Pty) Ltd., 249 Dyson Road, Wadeville Ext. 1, Private Bag 14786, Wadeville 1422, SOUTH AFRICA; PH: 27/011-8242020; TLX: 450228 (PCS).
Other Offices: Cape Town, Durban, Port Elizabeth, SOUTH AFRICA

CONTACT: Henk Egberink, Man. Dir.
Trading company; supplier of soybeans for food use; IMPORTER: Soy flour, concentrates, fiber & isolates.

Davy South Africa (Pty.) Ltd.

Parktown 2193, P.O. Box 8608, Johannesburg
2000, SOUTH AFRICA; PH: 27/011/643-6964;
TLX: 422496 or 425130; FAX: 011/484-1007.

CONTACT: Mr. Millman

**Solvent extraction equipment; condensers;
flake desolventizers, flash/vapor, normal;
solvent extraction distillation equipment;
construction contractors, complete plants,
protein plants; consultants, equipment,
industrial processes, plant layout, product
development; engineering services.**

SPAIN

KELSA, S.A. ★

El Burgo, P.O. Box 582, La Coruña 15670,
SPAIN; PH: 981/661-150 or 661-250;
TLX: 82142 (KELSA; E); FAX: 663-811.

CONTACT: Ramon Pitarque Gorospe,
Comm. Mgr.

**Air classifiers; aspirators, instruments/
instrument systems, grain analyzers;
moisture testers; oil/protein/fiber analyzers;
soybean storage equipment and supplies,
elevator and silo storage; cookers/extrud-
ers/roasters; drying & aeration equipment,
conditioners & coolers, grain dryers; flaking
& cracking equipment; presses; solvent
extraction equipment; solvents; agitators
(liquid); bleaching & filtering equipment;
crude oil storage (tanks); degumming
equipment; deodorization equipment; filter
presses; heat exchangers; refining/
neutralization equipment, conventional
caustic; soapstock equipment; winterization
equipment; analytical laboratories;
EXPORTER: Soybean meal; soybean
oil; lecithin; deodorizer distillates;
IMPORTER: Soybeans.**

SWEDEN

Alfa Laval Food Engineering A.B. ★

MAIN OFFICE: Bryggaregatan 23, P.O.
Box 64, S-221 00 Lund, SWEDEN; PH:
46/46/105000; TLX: 33225 (ALLUND S);
FAX: 46/46/115367.

Other Offices: SINGAPORE (Alfa
Laval S.E.A.)

**Computer process control, hardware,
programming, software; construction**

**contractors, complete plants; consultants,
equipment, industrial processes;
engineering services.**

Alfa Laval Food Engineering A.B.

Fats & Oil Division, Tumba S-147 80,
SWEDEN; PH: 46/753-65000; TLX: 10260
(ALSTO S); FAX: 46/753-39582.

CONTACT: Dept. FR

**Bleaching & filtering equipment; degum-
ming equipment; deodorization equipment;
fat splitters; filter presses; heat exchangers;
hydrogen generation equipment; hydro-
genation equipment; oil dryers; refining/
neutralization equipment, conventional
caustic, physical; soapstock equipment;
winterization equipment.**

Kamas Industri AB ★

Verkstadsgratan, Vellinge S-235 82, SWEDEN;
PH: 46/40-420750; TLX: 32443 (KAMAS S);
FAX: 46/40-424168.

CONTACT: Leif Christensson, Pres.

**Air classifiers; aspirators; bags, bagging
equipment; conveyors (drag or en masse);
commercial grain cleaners; dust control
systems & supplies; instruments/instrument
systems, automatic samplers.**

AB Pellerin/Zenith ★

Lenngrensgratan 7, P.O. Box 3009, Helsingborg
S-250 03, SWEDEN; PH: 046/42/146240;
TLX: 72429 (ZENITH); FAX: 46/42/146240
or 122770.

CONTACT: Yngve Hoffmann, Man. Dir.

**Bleaching & filtering equipment; refining/
neutralization equipment, chemical.**

AB Svegma

Skara vägen 20, P.O. Box 400, Kvänum 53500,
SWEDEN; PH: 0512/92410; FAX: 0512/92111.

CONTACT: Frederick Brian, Export Sales Mgr.

**Elevator & silo storage; drying & aeration
equipment, conditioners & coolers, grain
dryers; meal handling equipment, hammer
mills, mixing equipment (dry); heat
exchangers.**

SWITZERLAND

ACSAL S.A.

Affiliate of Unilever PLC London
38 Petit Chêne, P.O. Box 60, Lausanne 1001,
SWITZERLAND; PH: 021/20-10-91; TLX:
454545 (ACS CH); FAX: 021/20-10-97.

Other Offices: São Paulo, BRAZIL (Gessy Lever Alimentos S.A.)

CONTACT: Gerhard de Buys Rossingh, Gen. Mgr.

Trading company; EXPORTER: Soybeans, soybean oil, soybean meal, soybean meal pellets.

Vegoll Trading Company Ltd. ★

Baarerstrasse 69, P.O. Box 2007, Zug CH-6302, SWITZERLAND; PH: 42/223607; TLX: 865265 (HAND CH); FAX: 42/223282.
CONTACT: Peter Suter, Trader
Trading company.

TAIWAN

Food Industry Research & Development Institute ★

331 Food Road, P.O. Box 246, Hsinchu 30038, TAIWAN; PH: 886/035/223191; FAX: 886/035/214016.

CONTACT: Paul C. Ma, Dir.

Analytical laboratories; computer process control, hardware, programming, software; consultants, industrial processes, product development; contract research (pilot scale); inspection services.

Fwu Sow Grain Products Co., Ltd.

Taichung Harbor Plant, 98, Zih-Cheon Road, Wu-Chih, Taichung, TAIWAN; PH: 886/046/362111; TLX: 22237 (FWU SOW); FAX: 046/393-084.

Plant At: Taipei, TAIWAN

CONTACT: H. Y. Wang, Vice Pres.

EXPORTER: Soybean lecithin; **IMPORTER:** Soy flour, lecithin & salad oil.

Goodwin Engineering & Trading, Inc. ★

6F, No. 102, Sec. 2, Chung Shan N. Road, P.O. Box 68-1496, Taipei 10449, TAIWAN; PH: 886/2/541-1848; TLX: 28815 (GOODWINC).

CONTACT: Stanley Li, Man. Dir.

Dust control systems & supplies; instruments/instrument systems, material level; soybean storage equipment & supplies, elevator & silo storage; cookers/extruders; meal handling equipment, hammer mills, mixing equipment (dry), pelleting equipment.

Great Wall Enterprise Co. Ltd.

No. 3, Niao-Sung 2nd Street, Niao-Sung

Village, Yung-Kung Hsiang, Tainan Hsien 71004, TAIWAN; PH: 06/253-1111; TLX: 71351 (GREATAL); FAX: 06/253-1686.

CONTACT: John C. Ou, Dpty. Mgr.

Trading company; EXPORTER: Crude & refined soy oil, soy meal, lecithin, soy concentrates; **IMPORTER:** Soybeans.

I-Tung Machinery Industry Company, Ltd. ★

No. 15, Lane 523, Cheng Teh Road, Taipei 10323, TAIWAN; PH: 886/2/594-2116; TLX: 13381 (ITUNGMAC).

CONTACT: L. S. Lee, Pres.

Bags, bagging equipment; dust control systems & supplies; scales; soybean storage equipment & supplies, elevator & silo storage.

President Enterprises Corp. ★

301 Chung-Cheng Road, Yan Hsng, Yeong Kang Shiang, Tainan Hsien 71007, TAIWAN; PH: 886/6/253-2121; TLX: 71348 (PRESIT).

CONTACT: C. S. Lin, Gen. Mgr.

EXPORTER: Soy sauce, soy milk;

IMPORTER: Soybeans.

Ta Ti Hsing Machinery Company, Ltd. ★

No. 181 Yu San Street, P.O. Box 11, Taoyuan 33038, TAIWAN; PH: 886/33/618525 or 621848 or 622907; TLX: 25668 (RUTANTPE).

CONTACT: C. W. Cho, Gen. Mgr.

Cookers/extruders; presses, continuous screw, hydraulic; soymilk & tofu equipment & systems.

Wan Jia Shiang Brewery Company Ltd. ★

80-1, Hope Street, Sun Chung City, Taipei, TAIWAN; PH: 886/2/995-6622; TLX: 25852 (JOY TW).

Other Offices: Middletown, NY

CONTACT: Jen-Chun Wu, Vice Pres.

EXPORTER: Soy sauce.

THAILAND

Hoecheong International Trading Co. Ltd.

Siththivorakit Bldg, 13th floor, No. 5, Soi Pipat, Silom Rd., G.P.O. Box 1386, Bangkok 10501, THAILAND; PH: 235-2895; TLX: 82858 (HOECO TH).

Other Offices: PEOPLE'S REPUBLIC OF CHINA; SINGAPORE; HONG KONG; AUSTRALIA

CONTACT: Jason Wong, Gen. Mgr.
Trading company; IMPORTER: Soybean meal, isolated soybean, protein powder.

Patum Vegetable Oil Company, Ltd. ★

733/23 Charansanitwong Road, Bangkok 10700, THAILAND; PH: 66/2/424-1165; TLX: 086-82431 (PATUM TH).

Other Offices: Lardlumaew, Patumthane
CONTACT: Prakrit Triyanond, Gen. Mgr.
Trading company; EXPORTER: Fully refined soybean oil, soybean acid oil/fatty acid distillate; **IMPORTER:** Crude degummed soybean oil.

SIMEX Ltd.

Mahatun Plaza Bldg., 17th Floor, 888/178 Ploenchit Road, P.O. Box 1447, Bangkok 10500, THAILAND; PH: 66/2/2535000-3; TLX: 82808 (SIMEX TH); FAX: 2536735 (SIMEX-TRAFLO-BNA BKK).

CONTACT: Jalthong Patamapongs, Man. Dir.
Broker, product; marketing consultant; trading company; IMPORTER: Soybeans, soybean meal, soybean oil.

Thanakorn Vegetable Oil Products Co., Ltd.

99 Soi Thanakorn, Phra Samutjedi Road, Samutprakayn 10290, THAILAND; PH: 66/2/425-89307; TLX: (TH) 82940 (POON PHOL); FAX: 66/2/425-9838.

Other Offices: Bangkok, THAILAND
CONTACT: Yook Mahaisiriyodom, Raw Material Mgr.

TURKEY

Bag Yagları Sanayi ve Ticaret T.A.S.

Affiliate of Bagiai Yag Sanayi Tesisleri Isletmeciligi

1520 Sokak No. 36, P.O. Box 15, Izmir, TURKEY; PH: 90/51/219180 (4 lines); TLX: 52221 (GML); FAX: 90/51/219181.

CONTACT: Ruso Moris, Man. Dir.

Aspirators; conveyors (drag or en masse); commercial grain cleaners; dust control systems & supplies; soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; dehulling equipment;

solvent extraction equipment; condensers; solvent extraction distillation equipment; bleaching & filtering equipment; crude oil storage (tanks); deodorization equipment; filter presses; heat exchangers; refining/neutralization equipment, conventional caustic, physical; winterization equipment.

UNITED SOVIET SOCIALIST REPUBLIC

Davy Corporation plc.

Pokrowsky Boulevard, 4/17 g Corpus 3, Moscow 101000, U.S.S.R.; PH: 230-2655; TLX: 413260; FAX: 230-2655.

CONTACT: G. W. Howe

Solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; construction contractors, complete plants, protein plants; consultants, equipment, industrial processes, plant layout, product development; engineering services; inspection services.

UNITED STATES OF AMERICA

A.G.M.E. International Corp. ★

P.O. Box 1510, West Caldwell, NJ, 07007 U.S.A.; PH: 201/226-9369; FAX: 201/228-4088.

CONTACT: Manny Eijadi, Pres.

Consultants, equipment, plant layout, industrial processes, product development; engineering services; inspection services; spent catalyst recyclers; weighing services & surveys; Marketing consultant.

A-Lert Corporation ★

401 N. 6th Street, P.O. Box 531, Fredonia, KS, 66736-0531 U.S.A.; PH: 316/378-4401; FAX: 316/378-4135.

CONTACT: Laurel D. McClellan, Pres., Millwright Div.

Construction contractors, complete plants.

ABCOR-KOCH

850 Main Street, Wilmington, MA, 01887 U.S.A.; PH: 508/657-4250; TWX: 710/3476537; FAX: 617/65-75208.

CONTACT: Michele A. Collette-Keane,

Mkt. Dev. Eng.

Bleaching & filtering equipment; waste water treatment equipment.

Abel, Daft & Earley

1410 King Street, Alexandria, VA, 22314
U.S.A.; PH: 703/739-9090; TLX: (WU Easylink)
855125 (ADE WASH); FAX: 703/739-9098.
CONTACT: Martin E. Abel, Pres.
Marketing consultant; publications/ informational services.

Abel Manufacturing Company, Inc.

315 W. Wisconsin Avenue, P.O. Box 757, Appleton, WI, 54911 U.S.A.; PH: 414/734-4443; FAX: 414/734-1084.
CONTACT: Donald H. Abel, Sr. Pres.
Instruments/instrument systems, flow measurement, control; loading & unloading equipment; scales; soybean storage equipment & supplies, elevator & silo storage; computer process control, hardware, programming, software; consultants, plant layout.

Abrasion Engineering, Inc. ★

5626 Maxwell, St. Louis, MO, 63123 U.S.A.; PH: 314/352-8316.
CONTACT: David E. Altis, Pres.
Conveyors (drag or en masse), ceramic lined screw conveyors and troughs.

ACI Industries, Ltd. ★

6055 Tain Drive, Dublin, OH, 43017 U.S.A.; PH: 614/764-8566; TLX: (MCI) 697-2239 (ACI UW); FAX: 614/764-7803.
Other Offices: Brussels, BELGIUM
CONTACT: Vincent Campbell, Comm. Dir.
Handling & reclamation of waste streams & spent catalysts.

Adasco, Inc. ★

4400 West Arm Road, P.O. Box 494, Spring Park, MN, 55384 U.S.A.; PH: 612/471-0672.
Air classifiers; commercial grain cleaners; dust control systems & supplies; screeners/ screening equipment; used equipment; consultants, plant layout.

Advanced Foods Systems

69 Veronica Avenue, Somerset, NJ, 08873 U.S.A.; PH: 201/828-7878; FAX: 201/828-5938.
CONTACT: Yonkeun Joh, Pres.
Consultants, plant layout, product development; contract research (pilot scale).

Aeroglilide Corporation

100 Aeroglilide Drive, Cary, NC, 27511-2811 U.S.A.; PH: 919/851-2000; TLX: 579421

(AEROGLIDE RAL).

CONTACT: Hal E. Bland, Mgr., Bus. Dev.
Drying & aeration equipment, grain dryers.

Ag Marketing Services, Inc. ★

220 East Main Street, Box 1176, Mankato, MN, 56001 U.S.A.; PH: 507/625-1241; FAX: 507/625-4050.
CONTACT: Leny Louwagie, Pres.
Financial, economic forecaster; marketing consultant; publications/informational services.

Ag-Bag Corporation

545 Hamburg Street, P.O. Box 418, Astoria, OR, 97103 U.S.A.; PH: 503/325-2488; TLX: 151034; FAX: 503/325-2666.
CONTACT: Maureen Schmidt, Adv. Coordinator
Bags, bagging equipment (grain bagging).

Ag-Data, Inc. ★

218 E. Center Street, P.O. Box 707, Sikeston, MO, 63801 U.S.A.; PH: 314/471-0081.
CONTACT: Sammy C. Flagg, Pres.
Broker, futures; financial, commodity hedger, economic forecaster; marketing consultant.

Agmet Metals, Inc. ★

P.O. Box 39338, Solon, OH, 44139 U.S.A.; PH: 216/439-7400; TLX: (EASYLINK) 469801; FAX: 216/439-7446.
Other Offices: 7800 Medusa Street, Oakwood Village, OH 44145 (Plant)
CONTACT: Dennis J. Dunagan, Sales Mgr.
Spent catalyst recyclers; Marketing consultant; transportation, trucking firm; warehousing: export/import, U.S. Interior port.

See Our Display Ad On Page 366

Agra Erectors, Inc. ★

5352 Sebring Warner Road, P.O. Box 635, Greenville, OH, 45331 U.S.A.; PH: 513/548-6338.
CONTACT: Greg A. Swabb, Pres.
Air classifiers; aspirators; bags, bagging equipment; dust control systems & supplies; loading & unloading equipment, barge, railroad, ship, truck; scales; soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; drying & aeration equipment, grain dryers; meal handling equipment, hammer mills, mixing equipment (dry), pelleting equipment, pulverizing equipment; used equipment;

construction contractors, complete plants; consultants, equipment, plant layout.

Alabama State Docks Public Grain Export Elevator

P.O. Box 1588, Mobile, AL, 36633 U.S.A.; PH: 205/690-6063.

Other Offices: New York, NY; Chicago, IL; Birmingham, AL

CONTACT: Ernest R. Mothershed, Mgr.

Warehousing: export/import, ocean port terminal.

Alfa-Laval Food & Dairy Co.

2115 Linwood Avenue, P.O. Box 1316, Ft. Lee, NJ, 07024 U.S.A.; PH: 201/592-7800; TLX: 135526 (AL FT LEE); TWX: 666361 (AL FT LEE); FAX: 201/592-7800.

CONTACT: Kjell Nilsson, Gen. Mgr.

Heat exchangers; margarine equipment; shortening equipment; soymilk & tofu equipment & systems; soy protein equipment & supplies; cleaning/sanitizing equipment & supplies; computer process control, hardware, software, programming; construction contractors, protein plants; engineering services.

All-State Belting Company ★

1824 Industrial Circle, W. Des Moines, IA, 50265 U.S.A.; PH: 515/223-5843; FAX: 515/223-8305.

Other Offices: Charlotte, NC; Dallas, TX

CONTACT: Andrew J. Flynn, Inside Sales Mgr. Conveyor belting.

Alpine American Corporation

5 Michigan Drive, Natick, MA, 01760 U.S.A.; PH: 617/655-1123; TLX: 948450; FAX: 617/655-9337.

CONTACT: W. K. Maddern, Mgr., Mkt. Dev.

Air classifiers; dust control systems & supplies; dehulling equipment; flaking & cracking equipment; meal handling equipment, hammer mills, mixing equipment (dry), pulverizing equipment; screeners/screening equipment.

Amber, Inc. ★

220 White Plains Road, Tarrytown, NY, 10591 U.S.A.; PH: 914/332-5550; TLX: (WU) 317784 (AMBER TARY); FAX: 914/332-1480.

CONTACT: Philip C. Horltd, Pres.

Trading company; EXPORTER: Crude degummed soybean oil; refined, bleached, deodorized soybean oil.

American Colloid Company ★

1500 W. Shure Drive, Arlington Heights, IL,

60004 U.S.A.; PH: 708/392-4600; TLX: (ITT) 433-0321; FAX: 708/506-6167.

Other Offices: Mounds, FL (Absorbent Clay Products); Lovell, WY; Letohatchee, AL.

CONTACT: Robert Steele, Vice Pres., Sales & Mktg.

Anti-caking agents; bleaching clays/earths; waste water treatment equipment.

See Our Display Ad On Pages 73 & 74

American Commercial Barge Line Company

1701 E. Market Street, P.O. Box 610, Jeffersonville, IN, 47130 U.S.A.; PH: 812/288-0100; FAX: 812/288-1664.

CONTACT: Alan B. Hecht, Dir., Grain Freight Sales

Transportation, barge line.

American Feed Ingredients, Inc. ★

5120 Paddock Village Ct., Suite B-21, P.O. Box 2267, Brentwood, TN, 37027 U.S.A.; PH: 615/377-9844; FAX: 615/377-9848.

CONTACT: Richard S. Means, Pres. Trading company.

American Lecithin Company

P.O. Box 4056, Atlanta, GA, 30302 U.S.A.; PH: 404/522-7060; TLX: 261318 (AMAD); FAX: 404/522-2511.

CONTACT: Joseph Eichberg, Pres.

Antioxidants; emulsifiers; EXPORTER: Lecithin.

Anacon ★

117 South Street, Hopkinton, MA, 01748

U.S.A.; PH: 508/481-7888; FAX: 508/435-6677.

CONTACT: Brian Conway, Sales Mgr.

Moisture testers; oil/protein/fiber analyzers.

Anderson International Corp. ★

6200 Harvard Avenue, Cleveland, OH, 44105 U.S.A.; PH: 216/641-1112; TLX: (ITT) 980259 (ANDERINTL CLV); FAX: 216/641-0709.

CONTACT: Vincent J. Vavpot, Dir. of Mktg.

Cookers/extruders/roasters; drying & aeration equipment, grain dryers, meal dryers; presses, continuous screw.

See Our Display Ad On Page 9

APM Technology Inc. ★

78 Main Street, P.O. Box 575, Madison, NJ, 07940-0575 U.S.A.; PH: 201/966-1245; FAX: 201/966-1651.

CONTACT: Joseph Sciarretta, Pres.

Air classifiers; dust control systems & supplies; meal handling equipment, mixing equipment (dry); milling equipment supplies, spare parts & repair; screeners/ screening equipment; solvent extraction distillation equipment; filter presses; analytical laboratory equipment; waste water treatment equipment.

APV Crepaco, Inc. ★

Affiliate of APV plc

MAIN OFFICE: 8303 W. Higgins Road, Chicago, IL, 60631 U.S.A.; PH: 312/693-4000; FAX: 312/380-0998.

Other Offices: Lake Mills, WI; Tonawanda, NY; Attleboro Falls, MA; Rockford, IL; Austin, TX; Sales Offices: Chicago, IL; Los Angeles, CA; Dallas, TX; Nashville, TN; Haworth, NJ
CONTACT: R. A. Johnston, Vice Pres., Sales & Mktg.

Conveyors (drag or en masse); cookers/ extruders/roasters; drying & aeration equipment, meal dryers; meal handling equipment, mixing equipment (dry); solvent extraction equipment; condensers; solvent extraction distillation equipment; agitators (liquid); deodorization equipment; fatty acid distillation equipment; heat exchangers; margarine equipment; shortening equipment; soymilk & tofu equipment & supplies; soyfoods packaging equipment & supplies; soy protein equipment & supplies; waste water treatment equipment; computer process control, hardware, programming, software; construction contractors, complete plants; consultants, equipment, industrial processes, plant layout, product development.

APV Crepaco Inc., Dryer Division

Affiliate of APV Crepaco, Inc.

165 John L. Dietsch Square, Attleboro Falls,

MA, 02763 U.S.A.; PH: 508/695-7014; TLX: 927-634; FAX: 508/695-7018.
CONTACT: Stewart Gibson, Sales Mgr.
Coolers, fluidized bed.

Arista Industries, Inc. ★

1082 Post Road, Darien, CT, 06820 U.S.A.; PH: 203/655-0881; TLX: 996493 (HACKBEN DARN); FAX: 203/392-1640.

CONTACT: Charles Hillyer, Vice Pres.
Trading company; transportation, ocean freight line, trucking firm; warehousing: export/import, U.S. interior port; EXPORTER: Refined soybean oil.

Arrowhead Marketing Services Inc. ★

5155 E. 51st Street, Suite 110, Tulsa, OK, 74135 U.S.A.; PH: 918/665-3303; FAX: 918/665-6548.

CONTACT: Jerry H. Snedden, Vice Pres., Mktg. & Sales
Solvents; refining/neutralization equipment, caustic/alkali suppliers; Forwarding agent.

Artisan Industries, Inc. ★

73 Pond Street, Waltham, MA, 02254-9193 U.S.A.; PH: 617/893-6800; FAX: 617/647-0143.
CONTACT: Craig W. Angell, Vice Pres.

Solvent extraction equipment; solvent extraction distillation equipment; waste water treatment equipment; consultants, equipment, industrial processes; engineering services.

ASI Instruments, Inc.

8570 Katy Freeway, Suite 116, Houston, TX, 77024 U.S.A.; PH: 713/461-4535 or 800/245-7056; FAX: 713/461-7348.

CONTACT: Gloria Bennett, Sales Coord.
Instruments/instrument systems, material level.

Asia Way Trading, Inc.

32107 Lindero Canyon Road, Suite 117, Westlake Village, CA, 91361 U.S.A.; PH: 818/707-7349; FAX: 818/707-7365.

CONTACT: Bobby Lin, Vice Pres.
Broker, cash/product; trading company; warehousing: export/import, ocean port terminal; publications/informational services; Supplier of soybeans for food use; EXPORTER: Soybeans, bags and bulk.

Associated Laboratories ★

806 North Batavia, Orange, CA, 92668 U.S.A.; PH: 714/771-6900; FAX: 714/538-1209.

CONTACT: Henry M. Espoy, Vice Pres.
Analytical laboratories.

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Atomergic Chemetals Corporation ★

222 Sherwood Avenue, Farmingdale, NY, 11735-1718 U.S.A.; PH: 516/694-9000; TLX: 6852289; FAX: 516/694-9177.
CONTACT: Paula Weiss, Mktg. Mgr.
Refining/neutralization equipment, chemical; antioxidants; emulsifiers.

Augusta Barge Company ★

200 Campbell Street, P.O. Box 524, Augusta, AR, 72006 U.S.A.; PH: 501/347-5911; FAX: 501/347-5174.
CONTACT: Erlene Lockhart, Pres.
Transportation, barge line.

The Austin Company - Process Division ★

Affiliate of The Austin Company
 2001 Rand Road, Des Plaines, IL, 60016 U.S.A.; PH: 708/391-4300; FAX: 708/391-4546.
CONTACT: S.A. Brown, Chief Process Engineer
Construction contractors, complete plants.

Automatic Equipment Mfg. Co. ★

One Mill Road, P.O. Box P, Pender, NE, 68047 U.S.A.; PH: 402/385-3051; FAX: 402/385-3360.
CONTACT: Jay Hesse, Pres.
Flaking & cracking equipment; milling equipment supplies, spare parts & repair (roller mills).

B.N.W. Industries ★

Division of Lee E. Norris Const. & Gr. Co. Inc.
 Route #1, Box 341, Mentone, IN, 46539 U.S.A.; PH: 219/353-7855; FAX: 219/353-8152.
CONTACT: Lee Norris, Pres.
Drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers.

Charles V. Bacon, Inc. ★

P.O. Box 97, Marrero, LA, 70073 U.S.A.; PH: 504/347-1468; TWX: 810-951-5260 (CHARBACON MARR); FAX: 504/340-3943.
Other Offices: Irvington, NJ; Galena Park, TX; Lemont, IL
CONTACT: Jack Riley, Vice Pres.
Analytical laboratories; inspection services, weighing services & surveys.

H. J. Baker & Bro., Inc.

100 East 42nd Street, Pershing Square Building, New York, NY, 10017 U.S.A.; PH: 212/867-0200; TLX: (ITT) 420944 (HJBA) or (MCI) 620268 (HJBAK) or (WUI) 12487 (HJBA); FAX: 212/370-1639.
Other Offices: Atlanta, GA; Oak Brook, IL;

Little Rock, AK

CONTACT: K. E. Mayer, Mgr., Fats & Oils Dept.
Broker; trading company.

Baker Rullman Mfg. Inc. ★

4 East Main Street, P.O. Box 67, Watertown, WI, 53094 U.S.A.; PH: 414/261-8107; FAX: 414/261-0425.
Other Offices: Washington, IL; Springfield, OH
CONTACT: Robert Park, Regional Sales Mgr.
Soybean storage equipment & supplies, buildings (flat storage); elevator & silo storage; construction contractors, complete plants; consultants, equipment, plant layout; engineering services.

BAR Export/Import, Inc. ★

205 S. Main Street, P.O. Box 190, Seymour, IL, 61875 U.S.A.; PH: 217/687-4810; TLX: 754477 (BAR EX UD); FAX: 312/948-9630.
CONTACT: Julie Ohlsson, Admin. Asst.
EXPORTER: Natural and certified organic mechanically pressed soy oil and stone-ground soy flour.

See Our Display Ad On Page 195

W. M. Barger & Associates, Inc.

106 Spirea Drive, P.O. Box 565, Dayton, OH, 45409 U.S.A.; PH: 513/293-6669; TLX: 852757 (BARGER PIQA UD); FAX: 513/293-6434.
CONTACT: William M. Barger, Pres.
Air classifiers; aspirators; conveyors (drag or en masse); commercial grain cleaners; dust control systems & supplies; loading & unloading equipment, barge, railroad and ship; cookers/extruders/roasters; dehulling equipment; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, hammer mills, pelleting equipment, pulverizing equipment; milling equipment supplies, spare parts & repair; presses, continuous screw; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; bleaching & filtering equipment; degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, conventional caustic, physical; soapstock equipment; winterization equipment; computer process control, hardware, programming, software; consultants, plant layout; engineering services.

Bartlett & Company

4800 Main Street, Suite 600, Kansas City,
MO, 64112 U.S.A.; PH: 816/753-6300; TLX:
510-6016-803 (BART GRAIN KSC); FAX:
816/753-0062.

CONTACT: Richard D. Knadle, Exec.
Vice Pres.

**Broker, cash/product; warehousing;
export/import.**

Bauernmeister, Inc.

4127 Willow Lake Blvd., Memphis, TN,
38118-7027 U.S.A.; PH: 901/363-0921 or
800/999-0921; FAX: 901/794-9679.

Other Offices: Hamburg, WEST GERMANY
(Gebr. Bauernmeister & Co.)

CONTACT: Roger Fasten, Cust. Service Mgr.
**Flaking & cracking equipment; meal
handling equipment, pulverizing equipment.**

Bean Machines, Inc. ★

390 Liberty Street, No. 2, San Francisco,
CA, 94114 U.S.A.; PH: 415/285-9411;
TLX: 990027 (ROSE INTL UQ).

CONTACT: Wally Rogers, Pres.

**Conveyors (drag or en masse); cookers/
extruders/roasters; dehulling equipment;
meal handling equipment, hammer mills;
heat exchangers; soy milk & tofu equipment
& supplies; soyfoods packaging equipment
& supplies; consultants, equipment, plant
layout, product development.**

See Our Display Ad on Page 178

Beard Industries ★

R.R. #6, Box 19, Frankfort, IN, 46041 U.S.A.;
PH: 317/654-8517; FAX: 317/654-8510.

CONTACT: William J. Beard, Pres.

**Drying & aeration equipment, conditioners
& coolers, grain dryers, meal dryers.**

Ken Becker Associates Inc. ★

38 Prairie Drive, Westmont, IL, 60559 U.S.A.;
FAX: 708/969-2271.

CONTACT: Kenneth Becker, Pres.

**Construction contractors, complete plants,
protein plants; consultants, equipment,
industrial processes, plant layout, product
development; engineering services;
Financial, economic forecaster; marketing
consultant.**

Behlen Mfg. Company ★

East Highway 30, P.O. Box 569,
Columbus, NE, 68602-0569 U.S.A.; PH:
402/564-3111; TLX: 6875051 (BHLEN UW);
FAX: 402/563-7405.

CONTACT: Lyle Burbach, Mktg. Mgr.,

Ag Prod. Div.

**Conveyors (drag or en masse); instruments/
instrument systems, control; loading &
unloading equipment, railroad, truck;
soybean storage equipment & supplies,
building (flat storage), elevator & silo
storage; drying & aeration equipment,
grain dryers.**

See Our Display Ad On Page 201

Benson-Quinn Company ★

1075 Grain Exchange Building (North), P.O.
Box 15226, Minneapolis, MN, 55415-0226
U.S.A.; PH: 612/340-5900; FAX: 612/340-1416.

CONTACT: Laurence Neumann, CEO
**Broker, futures; marketing consultant;
trading company.**

BEPEX

Affiliate of Berwind Corp.

3 Crossroads of Commerce, Rolling
Meadows, IL, 60008 U.S.A.; PH:
708/506-0100; FAX: 708/506-0116.

Other Offices: Minneapolis, MN; Santa Rosa,
CA

CONTACT: Tom Feldkamp, Vice Pres., Sales
**Cookers/extruders/roasters; coolers,
fluidized bed; drying & aeration equipment,
conditioners & coolers, grain dryers, meal
dryers; meal handling equipment, hammer
mills, mixing equipment (dry), pelleting
equipment, pulverizing equipment; presses,
continuous screw.**

Blindicator ★

1915 Dove Street, P.O. Box 610009,
Port Huron, MI, 48061-0009 U.S.A.; PH:
313/987-2700; FAX: 313/987-2700.

CONTACT: Peggy Bugaiski, Cust. Serv. Mgr.
**Instruments/instrument systems, control,
material level, warning systems; waste
water treatment equipment.**

Biofix Corporation

200 Provident Bank Building, Suite 200,
Denton, TX, 76205 U.S.A.; PH: 817/382-2594;
TLX: 730649 (EXPORTS); FAX: 817/387-2294.

Other Offices: Panama City, PANAMA;
Monterrey, MEXICO; Madrid, SPAIN

CONTACT: Martin Blair, Pres.

**Trading company; EXPORTER: Soybean
seeds, soybean meal, and soybean lecithin.**

Blount Industrial Products Group

805 S. Decker Drive, P.O. Box 256, Bluffton,
IN, 46714 U.S.A.; PH: 219/824-3400;
TLX: 232419 (MMCLIPPER BFTN);

FAX: 219/824-5463.

CONTACT: Dennis Papp, Mgr. Mktg. & Sales
Commercial grain cleaners; loading & unloading equipment, truck; soybean storage equipment & supplies, elevator & silo storage; cookers/extruders/roasters; coolers, fluidized bed; dehulling equipment; drying & aeration equipment, grain dryers; flaking & cracking equipment; meal handling equipment, hammer mills, mixing equipment (dry), pelleting equipment; screeners/screening equipment.

Blunt, Ellis & Loewl, Inc.

111 E. Kilbourn, Milwaukee, WI, 53202 U.S.A.;
PH: 414/347-3531.

CONTACT: Larry Schmidt, Vice Pres.
Broker, futures; financial, commodity hedger; marketing consultant.

Bock Engineered Products, Inc.

3600 Summit Street, P.O. Box 5127, Toledo, OH, 43611 U.S.A.; PH: 419/726-2645;
FAX: 419/726-8583.

CONTACT: David Long, Vice Pres., Mktg.
Solvent extraction equipment (centrifuges); waste water treatment equipment (centrifuges).

Bollheimer & Associates ★

628 N. Trezevant, P.O. Box 12551, Memphis, TN, 38182 U.S.A.; PH: 901/324-4007;
FAX: 901/324-4007.

CONTACT: Philip Bollheimer, Pres.
Computer process control, hardware, programming, software; consultants, equipment, plant layout; engineering services.

Borton, Inc. ★

200 E. 1st Street, P.O. Box 2108, Hutchinson, KS, 67504-2108 U.S.A.; PH: 316/669-8211;
FAX: 316/662-3225.

CONTACT: Jon Herrmann, Sales Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; construction contractors, complete plants, protein plants.

BPM Industries

1150 Junction Avenue, Schererville, IN, 46375 U.S.A.; PH: 219/322-2560 or 800/428-3311;
FAX: 219/322-8533.

Other Offices: Cleveland, OH

CONTACT: John T. Hartman, Corp. Dir. of Sales

Waste water treatment equipment, extraction plants, refineries; analytical laboratories; consultants; engineering services.

C. W. Brabender

Instruments, Inc. ★

50 East Wesley Street, So. Hackensack, NJ, 07606 U.S.A.; PH: 201/343-8425; TLX: 134466; FAX: 201/343-0608.

CONTACT: Kathleen Gaito, Adv. Mgr.
Instruments/instrument systems, grain analyzers, moisture testers; cookers/extruders; drying & aeration equipment, grain dryers; meal handling equipment, mixing equipment (dry), pelleting equipment.

Ross Brian and Associates ★

81 Country Club Drive, Danville, IL, 61832 U.S.A.; PH: 217/443-2605.

CONTACT: Ross Brian, Owner
Consultants, equipment, industrial processes, plant layout; engineering services.

**Carl G. Brimmekamp
& Company, Inc. ★**

102 Hamilton Avenue, Stamford, CT, 06902 U.S.A.; PH: 203/325-4101; TLX: (WUD) 965955; FAX: 203/325-8575.

Other Offices: Cornwall, Ontario, CANADA;



BRIMMEKAMP

**THE SOURCE
FOR ROLLS**

102 Hamilton Avenue • Stamford, Connecticut 06902 • USA
Telephone (203) 325-4101 • Telex: WUD 965955 • Telecopier: (203) 325-8575

Houston, TX; San Rafael, CA:

Somersworth, NH

CONTACT: Carl G. Brimmekamp, Pres.

Bags, bagging equipment; conveyors (drag or en masse); loading & unloading equipment, barge, ship; flaking & cracking equipment; milling equipment supplies, spare parts & repair.

See Our Display Ad/Previous Page

Richard A. Brock & Associates ★

2050 W. Good Hope Road, Milwaukee, WI, 53209 U.S.A.; PH: 414/351-5500; FAX: 414/351-3140.

CONTACT: Larry Graham, Exec. Vice Pres.

Marketing consultant; publications/informational services.

Buhler Inc. ★

1100 Xenium Lane, P.O. Box 9497, Minneapolis, MN, 55440 U.S.A.; PH: 612/545-1401; FAX: 612/540-9246.

CONTACT: Clemenz Bahr, Group Gen. Mgr.

Aspirators; conveyors (drag or en masse); commercial grain cleaners; dust control systems & supplies; loading & unloading equipment, barge, railroad, ship, truck; scales; cookers/extruders/roasters; coolers, fluidized bed; dehulling equipment; flaking & cracking equipment, pelleting equipment, pulverizing equipment; milling equipment, spare parts & repair; screeners/screening equipment.

See Our Display Ad On Page 142

Buss (America), Inc. ★

Affiliate of Buss A.G., Basel, SWITZERLAND
2411 United Lane, Elk Grove Village, IL, 60007 U.S.A.; PH: 708/595-7474; TLX: 282413; FAX: 708/350-2717.

CONTACT: Edmund Meier, Prod. Mgr., Food Mach.

Cookers/extruders/roasters.

Caleb Brett U.S.A., Inc. ★

4300 Firestone Road, P.O. Box 10426, Jefferson, LA, 70181-0426 U.S.A.; PH: 504/733-6661; FAX 504/733-3518.

Other Offices: Hoogvliet, NETHERLANDS (Caleb Brett & Son (Continental) B.V.)

CONTACT: Harvey P. Becnel, Mgr.

Bags, bagging equipment; dust control systems & supplies; instruments/instrument systems, flow measurement, grain analyzers, material level, quality control/metal

detection, moisture testers, oil/protein/fiber analyzers, temperature monitors; loading & unloading equipment, barge, railroad, ship and truck; scales.

Calgene Chemical, Inc. ★

Affiliate of Calgene, Inc.

600 E. Algonquin Road, Des Plaines, IL, 60016 U.S.A.; PH: 708/298-4000; TLX: 206168

(AGRO-ING); FAX: 708/298-1519.

CONTACT: Frank J. Flider, Gen. Mgr.

Broker, cash/product, futures.

California Pellet Mill

Company (CPM) ★

MAIN OFFICE: 1114 E. Wabash Avenue, P.O. Box 647, Crawfordsville, IN, 47933 U.S.A.; PH: 317/362-2600; FAX: 317/362-7551.

Other Offices: Waterloo, IA

CONTACT: Lauren Reimer, Gen. Sales Mgr.

Meal handling equipment, pelleting equipment.

See Our Display Ad On Page 10

California Pellet Mill

Company (CPM) ★

Roskamp-Champion Products

2975 Airline Circle, Waterloo, IA, 50703 U.S.A.; PH: 319/232-8444; FAX: 319/232-4040.

CONTACT: George Wendelin, Sales Mgr.

Flaking & cracking equipment; meal handling equipment, pulverizing equipment.

Callahan Enterprises, Inc. ★

Affiliate of Rhone Roulene Agro.

1122 E. 169 Street, Westfield, IN, 46052 U.S.A.; 317/896-5551; TLX: 276127; FAX: 317/896-5558.

CONTACT: Lynn Croxton, Vice Pres.

Soybean breeder; soybean seed supplier; EXPORTER: Soybean varieties.

Calsicat ★

Affiliate of Mallinckrodt Specialty Chemicals Company

1707 Gaskell Avenue, Erie, PA, 16503 U.S.A.; PH: 814/870-3900; TLX: 914402; FAX: 814/456-7686.

CONTACT: Stephen Stempka, Sales Coord.

Hydrogenation catalysts.

CAMECO Industries,

Honiron Division ★

400 S. Canal Street, P.O. Box 620, Jeanerette, LA, 70544 U.S.A.; PH: 318/276-6314; FAX: 318/276-6314.

CONTACT: John L. Mestayer, Proj. Eng.
Conveyors (drag or en masse); solvent
extraction equipment; condensers; flake
desolventizers, flash/vapor, normal; solvent
extraction distillation equipment; heat
exchangers; oil dryers.

W. C. Cantrell Company ★

3245 May Street, P.O. Box 11216, Fort Worth,
TX, 76110 U.S.A.; PH: 817/923-7382; TLX:
75-8436 (WCCCO); FAX: 817/926-2009.

Other Offices: Cleveland, OH (Anderson Int'l.)

CONTACT: Don Berry, Sales Mgr.

Commercial grain cleaners; cookers/
extruders/roasters; dehulling equipment;
drying & aeration equipment, conditioners &
coolers, meal dryers; meal handling
equipment (hammer mills); milling equip-
ment supplies, spare parts & repair;
presses, continuous screw; screeners/
screening equipment; used equipment;
consultants, equipment, industrial pro-
cesses, plant layout; engineering services.

Cargill Investor Services ★

Affiliate of Cargill, Inc.

141 West Jackson Blvd., Suite 1800,
Chicago, IL, 60604 U.S.A.; PH: 312/435-8300;
TLX: 256146 (CARINSERVE CTO); FAX:
312/435-8386.

Other Offices: New York, NY; Kansas City,
MO; Coral Gables, FL; Minneapolis, MN;
Atlanta, GA; London, ENGLAND; Geneva &
Zurich, SWITZERLAND; Tokyo, JAPAN;
Seoul, KOREA

CONTACT: Steve Assimos, Mgr., Ag.

Crop Sector

Broker, futures.

Carter Day Company

Affiliate of Carter Day Industries

500 73rd Avenue, N.E., Minneapolis,
MN, 55432 U.S.A.; PH: 612/571-1000;
TLX: 201669; FAX: 612/571-3012.

Other Offices: Winnipeg, Manitoba, CANADA

CONTACT: Stephen L. Cashman, Vice Pres.,
No. Amer. Sales

Aspirators; commercial grain cleaners;
screeners/screening equipment;
engineering services.

Carver, Inc. ★

P.O. Box 814449, Dallas, TX, 75381-4449
U.S.A.; PH: 214/241-9440; TLX: (TRT)163338
(CARVER UT); FAX: 214/386-6506.

Other Offices: Memphis, TN;

E. Bridgewater, MA

CONTACT: J. E. Lee, Pres.

Air classifiers; aspirators; dust control

systems & supplies; dehulling equipment;
flaking & cracking equipment; screeners/
screening equipment; consultants, equip-
ment, plant layout; contract research
(pilot scale).

Central Soya Company

Ft. Wayne National Bank Bldg., P.O. Box
1400, Fort Wayne, IN, 46801-1400 U.S.A.;
PH: 800/348-0960 or 219/425-5100; TLX:
687-6050; FAX: 219/425-5301.

CONTACT: Pat Hendrixson, Exp. Co-Ordinator
Marketing consultant; trading company;

warehousing; export/import; supplier of
soybeans for food use; EXPORTER:
Proteins and lecithins; IMPORTER: Proteins
and lecithins.

Centrico, Inc. ★

100 Fairway Court, Northvale, NJ, 07647
U.S.A.; PH: 201/767-3900; FAX: 201/767-3416.

CONTACT: Karl Klein, Mgr., New
Business Dev.

Degumming equipment; refining/neutraliza-
tion equipment, conventional caustic,
caustic/alkali suppliers.

See Our Display Ad On Page 4

Champion Products, Inc.

P. O. Box 6, Waconia, MN, 55387 U.S.A.;
PH: 612/937-9200; TLX: 290405;
FAX: 612/442-5923.

CONTACT: Jerry R. Olson, Mktg. Vice Pres.

Meal handling equipment, hammer mills,
pulverizing equipment; milling equipment
supplies, spare parts & repair; screeners/
screening equipment.

The Chantland Company ★

A Division of Douglas & Lomason Co.

P.O. Drawer A, Humboldt, IA, 50548 U.S.A.;
PH: 515/332-4040; FAX: 515/332-4923.

CONTACT: Richard D. Mattoon, Mktg. Mgr.
Bags, bagging equipment; conveyors (drag
or en masse).

Chem-Staat Laboratories, Inc. ★

Doniphan & Francis Avenue, P.O. Box 789,
Neosho, MO, 64850 U.S.A.; PH: 417/451-5973;
FAX: 417/451-5478.

CONTACT: Garrett Staat, Jr., Pres.

Analytical laboratories.

Cherry-Burrell

A Unit of AMCA International Corp.

2400 Sixth Street, S.W., P.O. Box 3000, Cedar
Rapids, IA, 52406 U.S.A.; PH: 319/399-3200;

TLX: 298529 (CBCR UR); FAX: 319/399-3388.
CONTACT: Jack O'Brien, Dir., Mktg. Comm.
Cookers; heat exchangers.

A. E. Chew & Company, Inc.

43 Fifth Avenue, New York, NY, 10003 U.S.A.;
 PH: 212/619-4300.

CONTACT: Ralph H. Chew, Pres.
Broker, cash/product; publications/
informational services; EXPORTER: Soy
shortening & soy oil; IMPORTER: Soybeans.

Chicago Board of Trade

141 W. Jackson, Chicago, IL, 60604 U.S.A.;
 PH: 312/435-3500; TLX: 253223; FAX:
 312/341-3027.

CONTACT: Thomas Donovan, Pres.
Financial, futures exchange.

Chicago & North Western Transportation Company

1 North Western Center, Chicago, IL, 60606
 U.S.A.; PH: 312/559-6842; FAX: 312/559-6495.

CONTACT: Donald Bergquist, Vice Pres.,
 Sales & Mktg., Grain
Transportation, railroad company.

Chief Industries, Inc. ★

3942 W. Old Highway 30, P.O. Box 2078,
 Grand Island, NE, 68802-2078 U.S.A.; PH:
 308/382-8820; TWX: 910-629-3713 (CHIEF
 IND GRID); FAX: 308/381-8475.

Other Offices: Fort Dodge, IA (mfg.);
 Rensselaer, IN (mfg.); Kearney, NB (Caldwell
 Mfg. Co.—offices & mfg.)

CONTACT: Rollie Stroh, Sr. Vice Pres./
 Adv. Dir.

Soybean storage equipment & supplies,
buildings (flat storage).

Charles B. Chrystal Co., Inc.

25 Ann Street, New York, NY, 10038 U.S.A.;
 PH: 212/227-2151; TLX: 320803 (CBCC UI);
 FAX: 212/233-7916.

CONTACT: Peter D. Schnur, Pres.
Soy milk & tofu equipment; soy protein
equipment & supplies.

CMA Inc.

1120 Avenue of the American, 20th Floor, New
 York, NY 10036 U.S.A.; PH: 212/382-1822;
 FAX: 212/382-2126.

Other Offices: Rio de Janeiro; São Paulo;
 Belo Horizonte; Brasília; Curitiba; Florianópolis;
 Maringó; Porto Alegre; Salvador; Santos;
 Vitoria, BRAZIL; Buenos Aires, ARGENTINA;
 Monte Video, URUGUAY; Madrid, SPAIN

CONTACT: David Burgos
News wires, commodity.

Coallier Publishing Co. ★

1060 Fulton Mall, Suite 1202, Fresno, CA,
 93721 U.S.A.; PH: 209/237-1167; FAX:
 209/237-4089.

CONTACT: Robert Corwin, Mktg. Mgr.
Publications/informational services.

CoBank, St. Louis Region ★

Affiliate of CoBank
 1415 Olive Street, P. O. Box 504, St. Louis,
 MO, 63166-0504 U.S.A.; PH: 314/342-3273;
 FAX: 314/342-4592.

CONTACT: James W. Fisher, Vice
 Pres., Credit
Financial, banker.

Codema, Inc.

7924 73rd Avenue, No., Brooklyn Park, MN,
 55428 U.S.A.; PH: 612/424-2263; TLX: 290328
 (CODEMA CYSL); FAX: 612/424-5130.

CONTACT: Steve W. Parker, Vice Pres.

Aspirators; conveyors (drag or en masse);
dust control systems & supplies; loading &
unloading equipment, barge, railroad, ship
and truck; dehulling equipment; meal
handling equipment, hammer mills;
screeners/screening equipment;
used equipment.

Conkey/KWM, Inc. ★

Affiliate of H. A. Simons Ltd.
 Towle Building, 330 2nd Avenue, So., Suite
 545, Minneapolis, MN, 55401 U.S.A.; PH:
 612/332-8326; FAX: 612/332-2423.

Other Offices: Atlanta, GA (Simons-Eastern
 Consultants Inc.); Vancouver, B.C.; Montreal;
 Toronto, Ontario, CANADA (H. A. Simons Ltd.);
 São Paulo, BRAZIL (Natron-Simons); Mel-
 bourne, Victoria, AUSTRALIA (H. A. Simons
 Ltd.); Auckland, N.I., NEW ZEALAND (Beca
 Simons Ltd.)

CONTACT: George J. Chuba, Vice Pres.,
 Bus. Dev.

Computer process control, hardware,
programming, software; construction
contractors, complete plants, protein
plants; consultants, equipment, industrial
processes, plant layout; product develop-
ment; engineering services;
inspection services.

Connell Rice & Sugar Co., Inc.

45 Cardinal Drive, Westfield, NJ, 07092 U.S.A.;
 PH: 201/233-0700; FAX: 201/233-1070.

Other Offices: Des Plaines, IL
CONTACT: James D. Sullivan, Exec.
 Vice Pres.

Broker, cash/product; financial, economic
forecaster; marketing consultant.

Consolidated Grain and Barge Company

5100 Oakland Avenue, Suite 101, St. Louis, MO, 63110 U.S.A.; PH: 314/658-9200; TLX: 442539 (CONSOL GRN BRG).

CONTACT: Van Janssen, Vice Pres.
Trading company; transportation, barge line.

Consolidated Rail Corporation (CONRAIL)

933 One Liberty Place, 1650 Market Street, Philadelphia, PA, 19103-7399 U.S.A.; PH: 215/851-7880.

CONTACT: L. W. Foley, Mgr., Grain & Grain Prods.
Transportation, railroad company.

Continental Air Systems ★

Affiliate of Continental Conveyor & Equipment Co.

100 N. Travis, Suite 402, P.O. Box 1376, Sherman, TX, 75090 U.S.A.; PH: 214/892-9143; FAX: 214/892-9147.

CONTACT: Paul Bodovsky, Gen. Mgr.
Dust control systems & supplies.

Continental Grain Company ★

277 Park Avenue, New York, NY, 10172 U.S.A.; PH: 212/207-5530; FAX: 212/207-5261.

Other Offices: Guntersville, AL

CONTACT: Ronald L. Anderson, Sr. Vice Pres. & Gen. Mgr.

Trading company; **EXPORTER:** Soybean oil & meal.

Control Enterprises, Inc.

Professional Commerce Centre, 1808 Woodfield Drive, Savoy, IL, 61874 U.S.A.; PH: 217/351-3117; FAX: 217/351-8576.

CONTACT: Charles E. Isdale, Pres.
Instruments/instrument systems, control; computer process control, software, programming; consultants, industrial processes; engineering services.

Cooperative Elevator of Greenwood ★

2000 Garrard Avenue, P.O. Box 392, Greenwood, MS, 38930 U.S.A.; PH: 601/453-5423.

Other Offices: Philipp, MS
(Cooperative Elevator)

CONTACT: Lester A. Shipley, Jr., Gen. Mgr.
Broker, cash/product; warehousing; export/import, U.S. Interior port.

The Core Team

904 Rue de la Paix, Hammond, LA, 70403

U.S.A.; PH: 504/542-7405.

CONTACT: Norman J. Smallwood, Partner
Computer process control, hardware, programming, software; consultants, equipment, industrial processes, plant layout, product development; engineering services; inspection services.

Country Brand Seeds, Inc.

4735 Sergeant Road, Waterloo, IA, 50701 U.S.A.; PH: 319/233-5504; TLX: 465650 (DUNN INTL ALO); FAX: 319/233-9452.

CONTACT: James E. Dunn, Pres.
Soybean breeder; soybean seed supplier; supplier of soybeans for food use; **IMPORTER:** Soybeans and soybean seed.

Craft International Consultants ★

21 Wetherbee Street, Acton, MA, 01720 U.S.A.; PH: 508/264-9511; FAX: 508/264-4011.

CONTACT: Sjon Welters, Pres.
Consultants, product development; Marketing consultant; publications/informational services.

Crippen Manufacturing Company, Inc. ★

700 West End Street, P.O. Box 350, Alma, MI, 48801 U.S.A.; PH: 517/463-2119; FAX: 517/463-6643.

CONTACT: Doug Clark, Vice Pres.

Air classifiers; aspirators; commercial grain cleaners; screeners/screening equipment.

Crown Iron Works Company ★

Affiliate of Crown Holdings Inc.
1600 Broadway Street N.E., P.O. Box 1364, Minneapolis, MN, 55440-1364 U.S.A.; PH: 612/331-6400; TLX: 290204 (CROWN MSP); FAX: 612/331-2469.

CONTACT: Glenn D. Brueske, Vice Pres., Mktg.

Cookers/extruders/roasters; dehulling equipment; drying & aeration equipment, conditioners & coolers; meal dryers; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; solvent vapor detection & control; degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, caustic/alkali suppliers, physical.

See Our Display Ad On Page 162

CSC Scientific Company, Inc.

8315 Lee Highway, Fairfax, VA, 22031 U.S.A.;
PH: 703/876-4030 or 800/458-2558; TLX:
4330314 (CENCO UI); FAX: 703/280-5142.
CONTACT: Eileen Tagg, Prod. Specialist
Moisture testers.

CSX Transportation ★

500 Water Street, Jacksonville, FL, 32202
U.S.A.; PH: 904/366-5801; FAX: 904/366-5819.
CONTACT: James A. Howarth, A.V.P.
Agri. Prods.
**Transportation, barge line, ocean freight
line, railroad company.**

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CTC, North America, Inc.

730 Second Avenue, So., Minneapolis, MN,
55435 U.S.A.; PH: 612/370-7551; TLX: (RCA)
201663 (PUMPS); FAX: 612/370-7504.
CONTACT: Gordon V. Jones, Sr. Merchant
Trading company; news wires, commodity;
EXPORTER: Soybeans, soybean oil,
soybean meal.

Curtis & Tompkins Laboratories

2323 Fifth Street, Berkeley, CA, 94710 U.S.A.;
PH: 415/486-0900; FAX: 415/486-0532.
Other Offices: Los Angeles, Wilmington, CA
CONTACT: Bruce Godfrey, Pres.
**Analytical laboratories; engineering
services; inspection services; weighing
services & surveys.**

D.C.A. Services Inc. ★

4983 Sonoma Hwy., Suite M, Santa Rosa, CA,
95409 U.S.A.; PH: 707/538-5588.
CONTACT: Richard R. Glowe, Pres.
**Broker, cash/product, futures; financial,
commodity hedger.**

**Dabney-Hoover Supply
Company, Inc.**

61 W. Georgia Street, P.O. Box 692, Memphis,
TN, 38101 U.S.A.; PH: 901/523-8061.
CONTACT: C. W. Hoover III, Vice Pres.
**Commercial grain cleaners; instruments/
instrument systems, material level, moisture
testers; loading & unloading equipment,**

**barge, railroad, truck; soybean storage
equipment & supplies, buildings, elevator &
silo storage; drying & aeration equipment,
grain dryers; meal handling equipment,
hammer mills, mixing equipment (dry).**

Dairyland Seed Co., Inc. ★

3570 Hwy. H, P.O. Box 958, Westbend, WI,
53095 U.S.A.; PH: 414/338-0163; FAX:
414/626-2281.

Other Offices: Clinton, WI (Dairyland
Research Int'l); Gibson City, IL (Corn Belt
Research); Mt. Hope, WI (Dairyland
Seed Processing)

CONTACT: Thomas G. Strachota, Vice Pres.
**Bags, bagging equipment; conveyors (drag
or en masse); dust control systems &
supplies; instruments/instrument systems,
moisture testers, oil/protein/fiber analyzers;
Soybean breeder; soybean seed supplier;
supplier of soybeans for food use.**

**Davenport Machine
& Foundry Company ★**

Affiliate of Middle States Corp.
1607 West River Drive, P.O. Box 3339,
Davenport, IA, 52808-3339 U.S.A.; PH: 319/
322-6201; TLX: 0468466; FAX: 319/322-1032.
CONTACT: W. E. Odell, Gen. Sales Mgr.
**Drying & aeration equipment, conditioners
& coolers, grain dryers, meal dryers.**

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Davisco ★

119 W. Broadway, St. Peter, MN, 56082
U.S.A.; PH: 507/931-3160; FAX: 507/931-3185.
**Product development; Supplier of soybeans for
food use; EXPORTER: Soy-Supreme soymilk
& spray-dried tofu; varietal select soybeans
for food uses.**

J. H. Day Company ★

Affiliate of Littleford Group, Inc.
4932 Beech Street, Cincinnati, OH, 45212
U.S.A.; PH: 513/841-3600; TLX: 214392
(DAYMIXING NRWD); FAX: 513/841-9206.
Other Offices: Des Plaines, IL; Mahwah, NJ;
Vermilion, OH; Atlanta, GA; Houston, TX
(Hainge & Associates); San Juan, PR (INSECO
Co.); St. Catharines, Ontario, CANADA (Firing
Industries); Chapultepec Morales, Mexico D.F.,
MEXICO (Littleford Group Inc.)
CONTACT: Jai K. L. Bajaj, Bus. Mgr.
**Meal handling equipment, mixing equipment
(dry), pulverizing equipment.**

**NEED EXTRA
SOYA BLUEBOOKS?
See Order Form On Page 360**

De Smet USA Corp. ★

Affiliate of Extraction De Smet
2839 Paces Ferry Road, Suite 900, Atlanta,
GA, 30339 U.S.A.; PH: 404/436-0061;
TLX: (EASYLINK) 984812 (DESMET USA);
FAX: 404/434-5188.

Other Offices: Antwerp, BELGIUM (Extraction
De Smet); Hull, ENGLAND (De Smet
Rosedowns Ltd.)

CONTACT: Philip Vando, Exec. Vice Pres.

**Cookers/extruders/roasters; dehulling
equipment; drying & aeration equipment,
conditioners & coolers, meal dryers; flaking
& cracking equipment; presses, continuous
screw; solvent extraction equipment;
condensers; flake desolventizers, flash/
vapor, normal; solvent extraction distillation
equipment; bleaching & filtering equipment;
degumming equipment; deodorization
equipment; fat splitters; fatty acid distilla-
tion equipment; fractionation equipment;
hydrogenation equipment; oil dryers;
refining/neutralization equipment, physical;
soapstock equipment.**

Dedert Corporation

20000 Governors Drive, Olympia Fields, IL,
60461 U.S.A.; PH: 708/747-7000; TLX: (ITT)
4330935 (DEDERT); FAX: 708/755-8815.

Other Offices: Columbia, MD;
Valbonne, FRANCE

CONTACT: Gary Wurzer, Sales Engineer
**Drying & aeration equipment, conditioners
& coolers, meal dryers; condensers;
heat exchangers.**

DeKalb Pfizer Genetics ★

3100 Sycamore Road, DeKalb, IL, 60115
U.S.A.; PH: 815/756-7333.

Other Offices: Venezia-Mestre, ITALY

CONTACT: Charles W. Crum, Vice
Pres., Tech. Services Int'l.

**Soybean breeder; soybean seed supplier;
EXPORTER: Soybean varieties, maturity
group 0 thru IV.**

Delmhorst Instrument Company ★

51 Indian Lane East, P.O. Box 68, Towaco,
NJ, 07082 U.S.A.; PH: 201/334-2557; FAX:
201/334-2657.

CONTACT: Tom Laurenzi, Mgr.
**Instruments/instrument systems,
moisture testers.**

DICKEY-john Corporation ★

15.5 S. Country Club Road, P.O. Box 10,
Auburn, IL, 62615 U.S.A.; PH: 217/438-3371;
TLX: 250132; FAX: 217/438-6012.

CONTACT: Jack Barber, Mktg. Mgr.

**Instruments/instrument systems, grain
analyzers, moisture testers, oil/protein/fiber
analyzers; analytical laboratory equipment;
analytical laboratories; computer process
control, hardware, programming, software.**

Divine Engineering, Inc. ★

5440 6th Street S.W., P.O. Box 1345, Cedar
Rapids, IA, 52406 U.S.A.; PH: 319/365-0564;
FAX: 319/365-9345.

CONTACT: Jared S. Hills, Pres.
Conveyors (drag or en masse).

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**Down River International, Inc.,
Transit Protection Division**

Box 15290-C, Sacramento, CA, 95813-1290
U.S.A.; PH: 916/920-0290.

Other Offices: Stockton, CA; Waco, TX;
Hezlaton, PA; Woodland, WA; Macon, GA.

CONTACT: Bruce Miller, Nat'l. Sales Mgr.
**Loading & unloading equipment (transit
protection materials), barge, railroad
and truck.**

Drake Petroleum Company

6231 N. Pulaski Road, Chicago, IL, 60646
U.S.A.; PH: 312/588-2060 or 800/621-9066.

CONTACT: C. E. Kelley, Jr., Pres.
Solvents.

Davy Dravo ★

Division of Davy McKee Corp.
One Oliver Plaza, Pittsburgh, PA, 15241
U.S.A.; PH: 412/566-3656; TLX: 90-2943

(DRAVO PGH); FAX: 412/566-3070.

Other Offices: Chicago, IL; Berkley
Heights, NJ

CONTACT: Alan F. Smith, Vice Pres., Sales
**Loading & unloading equipment, barge,
ship; solvent extraction equipment;
condensers; flake desolventizers, normal,
flash/vapor; solvent extraction distillation
equipment; crude oil storage (tanks); fat
splitters; fatty acid distillation equipment;
heat exchangers; hydrogenation equipment;
oil dryers; computer process control,
software; construction contractors,
complete plants, protein plants; consult-
ants, equipment, industrial processes; plant
layout; product development; contract
research (pilot scale); engineering services;
inspection services.**

Louis Dreyfus Corp. ★

10 Westport Road, Wilton, CT, 06897 U.S.A.;

PH: 203/761-9700; TLX: 697-5459;
FAX: 203/761-2375.

Trading company; warehousing: export/
import, bulk liquid storage; EXPORTER:
Soybeans; soybean meal; soybean oil.

Dunn International, Ltd. ★

4735 Sergeant Road, Waterloo, IA, 50701
U.S.A.; PH: 319/233-5504; TLX: (WU) 465650
(DUNN INT ALO); FAX: 319/233-9452.

CONTACT: James E. Dunn, Pres.

Trading company; soybean seed supplier;
supplier of soybeans for food use;
IMPORTER: Soybeans; soybean seeds.

See Our Display Ad On Page 192

J. R. Dykes Sales & Service, Inc. ★

Highway 51 North, P.O. Box 1059, Granbury,
TX, 76048 U.S.A.; PH: 817/573-2416; TLX:
467938 (DYKES CI); FAX: 817/573-0027.

CONTACT: J.R. Dykes, Pres.

Air classifiers; aspirators; bags, bagging
equipment; conveyors (drag or en masse);
commercial grain cleaners; dust control
systems & supplies; instruments/instrument
systems, automatic samplers, control, flow
measurement, grain analyzers, material
level, moisture testers, oil/protein/fiber
analyzers, quality control metal detection,
temperature monitors, warning systems;
scales; cookers/extruders/roasters;
dehulling equipment; drying & aeration
equipment, conditioners & coolers, grain
dryers, meal dryers; flaking & cracking
equipment; meal handling equipment,
mixing equipment (dry), pelleting equip-
ment, pulverizing equipment; milling
equipment supplies, spare parts & repair;
presses, continuous screw; screeners/
screening equipment; condensers; flake
desolventizers, flash/vapor, normal; solvent
extraction distillation equipment; solvent
vapor detection & control; centrifuges;
crude oil storage (tanks); degumming
equipment; deodorization equipment; filter
presses; heat exchangers; used equipment;
consultants, equipment, plant layout.

Dynequip, Inc.

310 Snelling Avenue, No., St. Paul, MN, 55104
U.S.A.; PH: 612/645-0979; FAX: 612/645-4239.

CONTACT: Vincent Anerson, Vice Pres.

Air classifiers; dust control systems &
supplies; instruments/instrument systems,
automatic samplers, flow measurement,
control, material level, quality control/metal
detection; loading & unloading equipment,

railroad, truck; soybean storage equipment
& supplies, buildings, elevator & silo
storage; coolers, fluidized bed; drying &
aeration equipment, conditioners & coolers,
meal dryers; flaking & cracking equipment;
meal handling equipment, hammer mills,
mixing equipment (dry), pulverizing
equipment; milling equipment supplies,
spare parts & repair; screeners/screening
equipment; agitators (liquid); crude oil
storage (tanks); soymilk & tofu equipment &
systems; soy protein equipment & supplies;
used equipment; computer process control,
hardware, programming, software.

Eastman Chemical Products, Inc. ★

Affiliate Eastman Kodak Co.

P.O. Box 431, Kingsport, TN, 37662 U.S.A.;

PH: 800/EASTMAN; TLX: 6715569

(EASTCHEM); FAX: 615/229-2145.

CONTACT: Spencer D. Snook, Sr. Mkt.

Specialist

Antioxidants; emulsifiers.

Eaton - Consolidated Controls

15 Durant Avenue, Bethel, CT, 06801 U.S.A.;

PH: 203/798-3393; FAX: 203/798-3310.

CONTACT: Larry Vermillion, Mktg. Mgr.

Scales.

Eden Foods, Inc. ★

701 Tecumseh Road, Clinton, MI, 49236

U.S.A.; PH: 313/973-9400; FAX: 517/456-7025.

Other Offices: Saline, MI (American

Soy Products)

CONTACT: Ron Roller, Pres.

EXPORTER: Dried soy beans; IMPORTER:

Miso, soy sauces, organic, low sodium
& traditional.

A. G. Edward & Sons, Inc.

One North Jefferson, St. Louis, MO, 63103

U.S.A.; PH: 314/289-3200.

CONTACT: Dean Nosker, Grain Analyst

Broker, futures; financial, economic

forecaster, commodity hedger;

marketing consultant.

Ehrich Seed Farms, Inc. ★

R.R. 1 Box 47, Elmore, MN, 56027 U.S.A.;

PH: 507/943-3762.

CONTACT: Jim Ehrich, Pres.

Soybean seed supplier; supplier of soy-
beans for food use; EXPORTER: Soybean
seeds; soybeans for food use.

Electronic Sensors, Inc. ★

400 E. First Street, Wichita, KS, 67202-2595

U.S.A.; PH: 316/267-2807.

CONTACT: Joe Jackson, Mktg. Mgr.
Instruments/instrument systems, material level measuring devices.

Elliott Automation Company, Inc. ★

10903 Brooklet Drive, Houston, TX, 77099
U.S.A.; PH: 713/530-2108; TLX: 792425 (ELL
AUTO HOU); FAX: 713/530-1962.
CONTACT: Peter F. Elliott, Pres.
Instruments/instrument systems, flow measurement; computer process control, hardware, software, programming.

EMI Corporation ★

3166 Des Plaines Avenue, Des Plaines, IL,
60018 U.S.A.; PH: 708/827-3164; TLX: (WU)
726354 (EMI DSP); FAX: 708/803-8394.
CONTACT: William J. McPherson, Vice Pres.
Solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, physical; soapstock equipment; margarine equipment; shortening equipment; consultants, plant layout; engineering services.

See Our Display Ad On Page 186

Engelhard Corporation ★

MAIN OFFICE: 70 Wood Avenue, So., CN770, Iselin, NJ, 08830 U.S.A.; PH: 201/321-5000.
Other Offices: Edison, NJ (Engelhard Menlo Park); Jackson, MS (Mfg.); Cleveland, OH, De Meern, NETHERLANDS (Engelhard); Rome, ITALY (Engelhard SpA).
CONTACT: Neal Gallagher, Dir./BCMG
Soybean storage equipment & supplies, fumigants; anti-caking agents; bleaching & filtering equipment; bleaching clays/earths; analytical laboratory equipment.

Engelhard Corporation

30100 Chagrin Boulevard, Cleveland, OH,
44124 U.S.A.; PH: 216/292-9258; TLX:
4332158 (HARSHAW); FAX: 216/292-9218.
CONTACT: Robert C. Hastert, Mgr., Mktg. & Prod. Tech.
Bleaching clays/earths; hydrogenation catalysts.

Enterprise Consulting, Inc. ★

2806 36th Place, N.W., P.O. Box 32273,

Washington, DC, 20007 U.S.A.;
PH: 202/342-7640.

CONTACT: Tom Veblen, Pres.
Consultants, business strategy & organization; Marketing consultant.

EPE Incorporated

13550 Falling Water, Suite 205, Strongsville,
OH, 44136 U.S.A.; PH: 216/238-7000;
FAX: 216/234-6366 (COMPONENT MIHS).
CONTACT: Hans R. Strop, Pres.
Cookers/extruders/roasters; coolers, fluidized bed; drying & aeration equipment, conditioners & cookers, meal dryers; presses, continuous screw; screeners/ screening equipment; consultants, equipment, industrial processes; contract research (pilot scale); engineering services.

ERDCO Engineering Corporation

721 Custer Avenue, P.O. Box 1310, Evanston,
IL, 60204 U.S.A.; PH: 708/328-0550; TLX:
(WU) 206195 (ERDCO ENG EVN); FAX:
708/328-3535.
CONTACT: Bruce Nesvig, Vice Pres., Mktg.
Instruments/instrument systems, flow measurement, flash point testers; solvent vapor detection & control.

Experience, Inc. ★

1200 2nd Avenue So., Suite 400, Minneapolis,
MN, 55403 U.S.A.; PH: 612/338-7844; TLX:
(WU) 467326 (EXPERIENCE CI); FAX:
612/338-8005.
Other Offices: Washington, DC
CONTACT: Joseph T. Pietrus, Exec. Vice Pres.
Consultants, plant layout, industrial processes, product development. Marketing consultant.

Fabri-Kal ★

Plastics Place, Kalamazoo, MI, 49001 U.S.A.;
PH: 616/385-5050; FAX: 616/365-0197.
CONTACT: Gregg Pierce, Sales Mgr.
Soyfoods packaging equipment & supplies (plastic trays for retail tofu sales).

Fairbanks Scales ★

Affiliate of Fairbanks Inc.
711 E. St. Johnsbury Road, St. Johnsbury,
VT, 05819 U.S.A.; PH: 802/748-5111; FAX:
802/748-5216.
CONTACT: Robert Pelkey, Adv. Supv.
Scales; weighing services & surveys.

Fandrich Supply Company ★

Highway 64, P.O. Box 86, Belvidere, TN,
37306 U.S.A.; PH: 615/967-3377.

CONTACT: John S. Fandrich, Jr., Pres.
Soybean seed supplier; supplier of soybeans for food use; **EXPORTER:** Soybeans.

Farm & Dairy ★

185-205 East State Street, P.O. Box 38,
Salem, OH, 44460 U.S.A.; PH: 216/337-3419;
FAX: 216/337-9550.
CONTACT: Scot Darling, Asst. Pub./Adv. Mgr.
Publications/Informational services.

Farm Fans, Inc. ★

A Division of FFI, Inc
5900 Elmwood Avenue, P.O. Box 346,
Indianapolis, IN, 46203-6081 U.S.A.; PH:
317/787-6341; FAX: 317/787-6340.
CONTACT: Larry McFarland, Dir., Sales
Drying & aeration systems, grain dryers.

Farmers Commodities Corporation ★

P.O. Box 4887, Des Moines, IA, 50306 U.S.A.;
PH: 515/223-3788; FAX: 515/223-3701 or
223-3708.
Other Offices: Chicago, IL; Platteville, CO;
Minnetonka, MN; Kansas City, MO; Omaha,
NE; Spirit Lake, IA
CONTACT: Harold Richard, Pres.
Broker, cash/product, futures.

FEECO International, Inc. ★

3913 Algoma Road, Green Bay, WI, 54311
U.S.A.; PH: 414/468-1000; TLX: 26/3456
(FEECO GRB); FAX: 414/866-2820.
CONTACT: Larry Cliver, Sales Mgr.
Commercial grain cleaners; loading &
unloading equipment, barge, railroad, ship,
truck; drying & aeration equipment,
conditioners & coolers; meal handling
equipment, mixing equipment (dry),
pelletizing equipment.

**Feed & Grain Times/
Johnson Hill Press ★**

1233 Janesville Avenue, Fort Atkinson, WI,

53538 U.S.A.; PH: 414/563-6388; FAX:
414/563-9497.
CONTACT: Arlette Sambs, Assoc. Pub.
Publications/Informational services.

Feed Management ★

122 South Wesley Avenue, Mount Morris, IL,
61054 U.S.A.; PH: 815/734-4171; FAX:
815/734-4201.
CONTACT: Clayton J. Schreiber, Publisher
Publications/Informational services.

Feed Service Company, Inc.

303 Lundin Blvd., P.O. Box 698, Mankato, MN,
56002 U.S.A.; PH: 507/387-4464.
CONTACT: Thomas E. Cashman, Pres.
Broker, cash/product.

Ferro Corporation

1230 Railroad Street, East Liverpool, OH,
43920 U.S.A.; PH: 216/385-1538; FAX:
215/385-1538.
CONTACT: Mel Glass, Prod. Mgr.
Milling equipment supplies, spare parts
& repairs.

Dave Fischbein Company ★

Affiliate of Axia Inc.
2700 30th Avenue South, Minneapolis, MN,
55406 U.S.A.; PH: 612/721-4806; FAX:
612/721-4743.
Other Offices: Brussels, BELGIUM (Cie
Fischbein, S.A.)
CONTACT: Norma J. Shapira, Mktg.
Serv. Supv.
Bags, bagging equipment; conveyors (drag
or en masse).

Florida Industrial Filters, Inc. ★

Affiliate of LFC Lochem B.V., NETHERLANDS
1367 Highland Avenue, P.O. Box 873,
Dunedin, FL, 34697 U.S.A.; PH: 813/733-0461;
FAX: 813/736-1581.
CONTACT: Jerry Timen, Gen. Mgr.
Filter presses; waste water
treatment equipment.

**Fluor Daniel Siting
& Consulting Services ★**

Affiliate of Fluor, Inc.
P.O. Box 19019 (RMIA), Greenville, SC,
29602-9019 U.S.A.; PH: 803/234-0797;
FAX: 803/234-5373.
CONTACT: B. William Dorsey, Dir.
Construction contractors, complete plants,
protein plants; consultants, industrial
processes, product development;
engineering services.

**INTERESTED IN LISTING
IN THE '91 SOYA BLUEBOOK?**

Contact:
Soya Bluebook
318 Main Street, P.O. Box 84
Bar Harbor, ME 04609 U.S.A.
Phone: 207/288-4969
Fax: 207/288-5264

FMI - Fluid Metering, Inc. ★

29 Orchard Street, P.O. Box 179, Oyster Bay, NY, 11771 U.S.A.; PH: 516/922-6050; TLX: 510-1001281 (FLMETER); FAX: 516/624-8261.
CONTACT: Wini McKnight, Media Mgr.
Instruments/instrument systems, automatic samplers; waste water treatment equipment.

Food Ingredients, Inc.

1550 E. Higgins Road, Suite 130, P.O. Box 1557, Elk Grove Village, IL, 60009-1557 U.S.A.; PH: 708/439-3200; TLX: 206804 (FOOD ING); FAX: 708/439-9634.
CONTACT: Robert A. Leonard, Exec. Vice Pres.
Marketing consultant; trading company.

Food Ingredients (Minnesota) Inc. ★

2121 Toledo Avenue N., Golden Valley, MN, 55422 U.S.A.; PH: 612/588-9456; TLX: 499-2551 (POLYPRINT); FAX: 612/835-3811.
CONTACT: Dale W. Johnson, Pres.
Consultants, equipment, plant layout, industrial processes, product development; engineering services; market surveys.

Forsbergs, Inc.

Airport Road, P.O. Box 510, Thief River Falls, MN, 56701 U.S.A.; PH: 218/681-1927; TWX: 910/561-2634 (FORSBERGS, THRF); FAX: 218/681-2037.
CONTACT: Harry Donarski, Sales Mgr.
Air classifiers; aspirators; commercial grain cleaners.

Four-B Elevator Components Ltd. ★

101 National Road, Unit 3, East Peoria, IL, 61611 U.S.A.; PH: 309/698-5611; TWX: 910/652-1787; FAX: 309/698-5615.
CONTACT: Chris J. Robinson, Nat'l. Sales Mgr.
Conveyors (drag or en masse); instruments/instrument systems, material level, temperature monitors, warning systems; engineering services.

Fox Testing Laboratories, Inc. ★

MAIN OFFICE: 201 Paris, P.O. Box 1299, Lubbock, TX, 79408 U.S.A.; PH: 806/763-4518; FAX: 806/763-4519.
Other Offices: Harlingen, TX
CONTACT: Ronnie Fox, Pres.
Analytical laboratories.

Fox Testing Laboratories, Inc. ★

211 E. Monroe, P.O. Box 346, Harlingen, TX, 78551-0346 U.S.A.; PH: 512/423-3196; FAX: 512/423-5098.
CONTACT: David Humphrey, Lab Mgr.
Analytical laboratories.

The Foxboro Company ★

Bristol Park B52-1B, Foxboro, MA, 02035 U.S.A.; PH: 508/543-8750; TLX: 927602; FAX: 508/549-6750.
CONTACT: George P. Treachis, Mgr., Food Ind.
Instruments/instrument systems, control, flow measurement, temperature monitors, warning systems; solvent vapor detection & control; analytical laboratory equipment; computer process control, hardware, software.

The French Oil Mill Machinery Company ★

1035 Greene Street, P.O. Box 920, Piqua, OH, 45356 U.S.A.; PH: 513/773-3420; TLX: 687-4224; FAX: 513/773-3424.
Other Offices: Mexico City, Monterrey, MEXICO
CONTACT: Timothy G. Kemper, Prod. Mgr.
Cookers/extruders/roasters; dehulling equipment; drying & aeration equipment, conditioners & coolers, meal dryers; flaking & cracking equipment; meal handling equipment, pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal.

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G & T Commodities, Inc.

103 East 4th Street, P.O. Box 1057, Rochester, MI, 48063 U.S.A.; PH: 313/656-1661; TLX: 224114 (G & T COMM).
CONTACT: George A. Enders, Pres.
Broker, cash/product; trading company.

GA Expertise Inc. ★

4210 Braganza Street, P.O. Box 330485, Miami, FL, 33233-0485 U.S.A.; PH: 305/665-4404; TLX: (RCA) 293818 (EXPT UR); FAX: 305/655-2933.
CONTACT: Guy L. Posschelle, Pres.

— Please Check Your Listing For Accuracy —

Consultants, equipment, industrial processes, plant layout.

Gage Industries, Inc. ★

6710 McEwan Road, P.O. Box 1318, Lake Oswego, OR, 97035-0516 U.S.A.; PH: 503/639-2177; FAX: 503/684-1544.

CONTACT: Mike Livermore

Soyfoods packaging equipment & supplies; analytical laboratory equipment.

Garnac Grain Company, Inc.

8000 W. 110 Street, Overland Park, KS, 66210-2315 U.S.A.; PH: 913/661-6100; TLX: 238899 (GARN); FAX: 913/661-6159.

CONTACT: Steve Strong, Mgr., Soybean Dept.

Trading company; EXPORTER: Soybeans, soybean meal and soybean oil.

Geldermann, Inc.

440 S. LaSalle Street, 20th Floor, Chicago, IL, 60605 U.S.A.; PH: 312/663-7500; TLX: 4330220; FAX: 312/663-7710.

CONTACT: Jake Vrabel, Vice Pres., Grain Div. **Broker, futures.**

Gem Grain Roaster Company

P.O. Box 1287, Winona, MN, 55987 U.S.A.; PH: 507/454-1092; FAX: 507/452-6146.

CONTACT: Alice Goede, Pres. **Cookers/extruders/roasters.**

General Resource Corp.

201 3rd Street, So., Hopkins, MN, 55343 U.S.A.; PH: 612/933-7474 or 800/334-6421; TLX: 290383; FAX: 612/933-9777.

CONTACT: J. P. Lapham, Adv. Prod. Coord. **Drying & aeration equipment; meal handling equipment; heat exchangers; construction contractors, complete plants, protein plants; consultants, equipment, plant layout, industrial processes, product development; contract research (pilot scale); engineering services.**

Generichem Corp. ★

85 Main Street, P.O. Box 369, Little Falls, NJ, 07424 U.S.A.; PH: 201/256-9266; TWX: 510-601-6431 (GENERIC); FAX: 201/256-0069.

CONTACT: Terrance W. Connolly, Pres. **Soy milk & tofu equipment & supplies; soy protein equipment & supplies; IMPORTER: Nigari (magnesium chloride).**

Michael Gest Company

P.O. Box 750633, Petaluma, CA, 94953 U.S.A.; PH: 707/778-7723.

Other Offices: Santa Rosa, CA **CONTACT:** Michael Gest, CEO

Broker; financial, commodity hedger, economic forecaster; marketing consultant.

Global Nutrameal, Inc.

6122 Haywards, Okoboji, IA, 51355 U.S.A.; PH: 712/337-3376.

CONTACT: Kirk Stauss, Pres.

Broker, cash/product; marketing consultant; soybean seed supplier; supplier of soybeans for food use; EXPORTER: Soybeans.

GNP Commodities

30 South Wacker Drive #1812, Chicago, IL, 60606 U.S.A.; PH: 312/930-7889 or 800/722-1988; TLX: 206188; FAX: 312/930-7947 or 930-7968.

CONTACT: Debra Morelli, Acct. Exec. **Broker, futures.**

W. R. Grace Company ★

Davison Chemical Div., P.O. Box 2117, Baltimore, MD, 21203-2117 U.S.A.; PH: 301/659-9000; FAX: 301/685-1434.

CONTACT: Mike Rosenberg, Nat'l. Accts. Mgr. **Anti-caking agents; bleaching clays/earths (clay replacement TriSyl® silica for oil refining); hydrogenation catalysts.**

See Our Display Ad On Page 6—7

Grain Facility Design, Inc. (GFD) ★

4969 Olson Memorial Highway, Minneapolis, MN, 55422 U.S.A.; PH: 612/542-8442; FAX: 612/542-1405.

CONTACT: Paul Harms, Pres.

Loading & unloading equipment, barge, railroad, ship, truck; scales; soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; construction contractors, complete plants, protein plants; consultants, equipment, industrial processes, plant layout; engineering services.

See Our Display Ad On Page 182

Grain Processing Corporation

1600 Oregon Street, Muscatine, IA, 52761 U.S.A.; PH: 319/264-4278; FAX: 319/264-4289.

CONTACT: Tom Wiesner, Protein Prod. Coord. **EXPORTER: Isolated soy protein.**

Grand Trunk Western Railroad Company

1333 Brewery Park Blvd., Detroit, MI, 48207-2699 U.S.A.; PH: 313/237-6541; TLX: 230717

(DETMKTGA); FAX: 313/237-4118.
CONTACT: William C. McMahon, Mgr., Grain
& Food Prods.
Transportation, railroad company.

Greenway Electric, Inc. ★
1424 North Mosley, Wichita, KS, 67214 U.S.A.;
PH: 316/263-6189; FAX: 316/263-4075.
CONTACT: Marc Greenway, Contract Mgr.
**Computer process control, hardware,
programming; construction contractors,
complete plants; consultants, industrial
processes, plant layout;
engineering services.**

Greif Brothers Corp. ★
2750 W. 145th Street, Rosemount, MN,
55068-4998 U.S.A.; PH: 612/423-2216;
FAX: 612/423-1978.
CONTACT: Tom Dubbe, Vice Pres.
Bags, bagging equipment.

Groen ★
Affiliate of Dover Industries
1900 Pratt Boulevard, Elk Grove Village, IL,
60007 U.S.A.; PH: 708/439-2400; FAX:
708/364-3097.
Other Offices: Jackson, MS (mfg.)
CONTACT: Reed Captain, Nat'l. Sales Mgr.,
Process Group
**Margarine equipment; shortening equip-
ment; soy milk & tofu equipment & supplies.**

Carl R. Gurley Inc. ★
Hwy. 70 East, P.O. Box 995, Princeton,
NC, 27569 U.S.A.; PH: 919/936-7333 or
800/753-3800.
CONTACT: Carl Gurley, Pres.
**Soybean seed supplier; supplier of soy-
beans for food use; EXPORTER: Edible
soybeans.**

A. Gusmer, Inc.
Representatives of Ponndorf
Maschinenfabrik GmbH
27 North Avenue, Cranford, NJ, 07016 U.S.A.;
PH: 201/272-9400; FAX: 201/272-8735.
CONTACT: Charles W. Tannert, Vice
Pres., Tech. Services
**Aspirators; bags, bagging equipment;
conveyors (drag or en masse); commercial
grain cleaners; instruments/instrument
systems, quality control metal detection;
loading & unloading equipment, railroad
and truck; drying & aeration equipment,
conditioners & coolers, grain dryers, meal
dryers; meal handling equipment, pulveriz-
ing equipment; presses, continuous screw;**

**filter presses; consultants, equipment,
industrial processes.**

Gustafson, Inc.
1400 Preston Road, Suite 400, Plano, TX,
75075 U.S.A.; PH: 214/985-8877; TLX: 730957
(GUSTAFSCO DAL); FAX: 214/985-1696.
Other Offices: Des Moines, IA; Eden Prairie,
MN; Marsing, ID; McKinney, TX
CONTACT: Gil Austin, Vice Pres., Mkting.
**Aspirators; instruments/instrument
systems, automatic samplers.**

Howard Hall International
223 E. Putnam Avenue, P.O. Box 199,
Cos Cob, CT, 06807 U.S.A.; PH:
203/869-4504; TLX: 6819012 (HALL UW);
FAX: 203/869-1439.
CONTACT: Howard E. Hall, Pres.
EXPORTER: Soy fiber.

The Hance Corporation
235 E. Broadway, Westerville, OH, 43081
U.S.A.; PH: 614/882-7400; FAX: 614/882-7549.
CONTACT: Frank W. Hance, Gen. Mgr.
**Aspirators; bags, bagging equipment;
conveyors (drag or en masse); commercial
grain cleaners; loading & unloading
equipment, barge, railroad, ship, truck;
screeners/screening equipment.**

Hartington Business Studies ★
60 Mystic Street, Arlington, MA, 02174-1153
U.S.A.; PH: 617/646-1610; FAX: 617/641-3120.
CONTACT: John H. Young
Marketing consultant.

Jacob Hartz Seed Company, Inc.
No. Park Avenue, P.O. Box 946, Stuttgart,
AR, 72160 U.S.A.; PH: 501/673-8565; TWX:
910-720-6244 (HARTZSEED).
CONTACT: Keith Thompson, Food &
Export Mgr.
**Soybean breeder; soybean seed supplier;
supplier of soybeans for food use.**

**Hayes & Stolz Industrial
Manufacturing Company, Inc. ★**
3521 Hemphill Street, P.O. Box 11217, Fort
Worth, TX, 76110 U.S.A.; PH: 817/926-3391;

See Glossary
For A Complete
Definition Of Terms

TLX: (WU) 792854 (HAYESSTOLZ FTW);
FAX: 817/926-4133.

CONTACT: Mark Hayes, Vice Pres.

Meal handling equipment, mixing equipment
(dry); screeners/screening equipment.

Henke Machine Inc.

E. Highway 30, P.O. Box 1006, Columbus,
NE, 68602 U.S.A.; PH: 402/564-0565; FAX:
402/564-3153.

CONTACT: Richard F. Drake, Industrial Sales
Eng.

Conveyors (drag or en masse); commercial
grain cleaners; soybean storage equipment
& supplies, elevator & silo storage.

Herzog-Hart Corp.

185 Dartmouth Street, Boston, MA, 02116
U.S.A.; PH: 617/247-2500; FAX: 617/424-1685.

CONTACT: Richard J. Malone

Hydrogenation equipment; consultants,
equipment, industrial processes, plant
layout; engineering services.

Honeywell, Inc., Industrial Controls Division

1100 Virginia Drive, Fort Washington,
PA, 19034 U.S.A.; PH: 215/641-3115 or
800/345-6770.

CONTACT: Terri Minio, PR Mgr.

Instruments/instrument systems, control,
flow measurement, temperature monitors;
computer process control, software.

Horizon Trading Company Inc.

1510 H Street, N.W., Washington, DC, 20005
U.S.A.; PH: 202/783-4455; TLX: 248890
(HORN); FAX: 202/783-4465.

CONTACT: J. Browning Rockwell, Pres.

Trading company; EXPORTER: Soymilk,
tofu & tofu products, isolated soy protein,
soybean oil, soy concentrates, soy flour.

J. L. Horst, inc.

2562 Brandt School Road, P.O. Box 408,
Wexford, PA, 15090 U.S.A.; PH: 412/935-1590;
FAX: 412/935-1591.

CONTACT: Joseph L. Horst, Pres.

Air classifiers; bags, bagging equipment;
conveyors (drag or en masse); commercial
grain cleaners; dust control systems &
supplies; soybean storage equipment &

supplies, elevator & silo storage; meal
handling equipment, hammer mills, mixing
equipment (dry); pelleting equipment,
pulverizing equipment; screeners/
screening equipment.

Hosokawa Micron Division ★

10 Chatham Road, Summit, NJ, 07901 U.S.A.;
PH: 201/273-6360; FAX: 201/273-7432.

CONTACT: John Bechtold, Adv. Mgr.

Air classifiers; drying & aeration equipment,
grain dryers, meal dryers; meal handling
equipment, mixing equipment (dry),
pulverizing equipment.

Houston Tank Storage Company ★

Affiliate of Jacob Stern & Sons, Inc.

1464 East Valley Road, P.O. Box 50740,
Santa Barbara, CA, 93150 U.S.A.; PH:
805/565-1411; TLX: 658312 (J STERN SNC);
FAX: 805/565-1415.

Other Offices: Houston, TX

CONTACT: Philip L. Bernstein, Pres.

Warehousing: export/import, bulk liquid
storage, ocean port terminal.

Howe Richardson Company ★

MAIN OFFICE: 680 Van Houten Avenue,
Clifton, NJ, 07015 U.S.A.; PH: 201/471-3400;
TLX: 133446; FAX: 201/471-9354.

Other Offices: Mundelein, IL

CONTACT: Mike Hudak, Area Sales Mgr.
Scales.

Howe Richardson Company ★

403 Washington Blvd., Suite 15, Mundelein,
IL, 60060 U.S.A.; PH: 708/566-7001; FAX:
708/566-7125.

CONTACT: John P. Igras, Area Sales Mgr.

Bags, bagging equipment; instruments/
instrument systems, control, flow
measurement; scales.

S. Howes Company, Inc. ★

Howard Street, Silver Creek, NY, 14136
U.S.A.; PH: 716/934-2611; FAX: 716/934-2081.

CONTACT: James J. Carere, Sales Mgr.

Bags, bagging equipment; commercial grain
cleaners; meal handling equipment, mixing
equipment (dry); screeners/
screening equipment.

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— SOYATECH PUBLICATIONS —

SOYA INTERNATIONAL (Quarterly) • SOYA BLUEBOOK (Annual)

J. M. Huber Corp.; Clay Division ★

Route 4, Macon, GA, 31298 U.S.A.; PH: 912/745-4751; TLX: 544438 (HUBR-HUBR); FAX: 912/745-1116.

CONTACT: Gary C. Schultz, Gen. Mgr., Tech. Svc.

Kaolin clay anti-caking agents.

Hudson Tank

Terminals Corporation ★

Marsh & Export Streets, Building 173, P.O. Box 2549, Newark, NJ, 07114 U.S.A.; PH: 201/465-1115; TLX: 130026 (HUDSONTAK); FAX: 201/465-9053.

CONTACT: A. F. Mogerley, Pres.

Warehousing: export/import, ocean port terminal, bulk liquid storage; **EXPORTER:** Soybean oil; **IMPORTER:** Soybean oil.

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Sam Huey Company

645 S. Atlantic Avenue, Cocoa Beach, FL, 32931 U.S.A.; PH: 305/783-2091; TLX: 564341 (HUEY CO CCO).

Other Offices: Bloomington, IL; Harahan, LA
CONTACT: Sam Huey, Pres.

Broker, cash/product; trading company; soybean seed supplier; supplier of soybeans for food use; EXPORTER: Feed & seed soybeans.

Huss & Schilleper, Inc.

2230 Brush College Road, P.O. Box A511, Decatur, IL, 62526 U.S.A.; PH: 217/423-6001; FAX: 217/423-6565.

CONTACT: Dick Pobanz, Mktg. Mgr.

Conveyors (drag or en masse); commercial grain cleaners; instruments/instrument systems, warning systems; loading & unloading equipment, barge, railroad, ship, truck.

HYBCO, U.S.A.

333 S. Mission Road, Los Angeles, CA, 90033 U.S.A.; PH: 213/269-3111; TLX: (RCA) 215485 (HYBC); FAX: 213/269-3130.

CONTACT: David Kashani, Man. Dir.

Trading company; warehousing: export/import, U.S. Interior.

T. E. Ibberson Company ★

3424 Wooddale Avenue, Minneapolis, MN, 55416 U.S.A.; PH: 612/929-1641; TLX: 910-576-2703 (IBBERSON MPS); FAX: 612/929-8806.

CONTACT: David R. Berg, Vice Pres.

Consultants, industrial processes, plant layout; engineering services.

Ibberson Engineering, Inc. ★

3424 Wooddale Avenue, Minneapolis, MN, 55416 U.S.A.; PH: 612/929-1641; TLX: 910-576-2703 (IBBERSON MPS); FAX: 612/929-8806.

CONTACT: Gerry Leukam, Vice Pres.

Consultants, industrial processes, plant layout; engineering services.

Ibberson International, Inc. ★

3424 Wooddale Avenue, Minneapolis, MN, 55416 U.S.A.; PH: 612/929-1641; TLX: 910-576-2703 (IBBERSON MPS); FAX: 612/929-8806.

CONTACT: Mark Geitzenauer, Vice Pres., Man. Dir.

Consultants, plant layout, industrial processes; engineering services.

Identity Seed & Grain Company ★

1226 Towanda Avenue, Suite 33, Bloomington, IL, 61701 U.S.A.; PH: 309/827-7333; TLX: 415597; FAX: 309/829-7132.

CONTACT: David R. Kemmerer, Exec. Vice Pres.

Broker, cash/product; supplier of soybeans for food use; EXPORTER: Soybeans for tofu, miso, natto and sprouting.

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Industrial Erectors, Inc.

4701 W. Iowa Street, Chicago, IL, 60651 U.S.A.; PH: 312/378-0100; FAX: 312/378-7273.

CONTACT: Gerald S. Cole, Gen. Mgr.

Conveyors (drag or en masse); belt manlift equipment; construction contractors, complete plants, protein plants; engineering services; inspection services.

Industrial Filter &

Pump Manufacturing Co.

5936 Ogden Avenue, Cicero, IL, 60650-3888 U.S.A.; PH: 708/656-7800; FAX: 708/656-7806.

CONTACT: Richard Crane

Bleaching & filtering equipment; deodorization equipment; filter presses; heat exchangers; hydrogen generation equipment; winterization equipment; waste water treatment equipment.

Industrial Laboratories

3001 Cullen Street, Fort Worth, TX, 76107 U.S.A.; PH: 817/332-2259.

CONTACT: H. W. Bulbrook, Dir.
Analytical laboratories.

Industrial Metal Products Company, Inc.

5801 S. 25th Street, P.O. Box 21212, Phoenix, AZ, 85036 U.S.A.; PH: 602/243-1556; TLX: 165030 (IMPCO PHX); FAX: 602/243-6732.
CONTACT: Boyce W. Davis, Pres.
Dust control systems & supplies; dehulling equipment; flaking & cracking equipment.

Industry General Corporation

5384 Poplar Avenue, Suite 500, P.O. Box 17221, Memphis, TN, 38187-0221 U.S.A.; PH: 901/682-3314; FAX: 901/763-0919.
CONTACT: W. H. Davenport, Pres.
Soybean storage equipment & supplies, elevator & silo storage; construction contractors, complete plants, protein plants; consultants, plant layout; engineering services.

Ingman Laboratories, Inc. ★

2945 34th Avenue South, Minneapolis, MN, 55406 U.S.A.; PH: 612/724-0121.
CONTACT: Peter Meland, Pres.
Analytical laboratories.

Insta Pro International, Ltd.

Affiliate of Triple "F", Inc.
10301 Dennis Drive, Des Moines, IA, 50322 U.S.A.; PH: 515/276-4524; TLX: 478375; FAX: 515/276-5749.
Other Offices: Lytham, ENGLAND (Insta Pro U.K.); Cheltenham, ENGLAND (Insta Pro W.E.); Taipei, TAIWAN (Insta Pro Asia)
CONTACT: Thomas F. Welby, Vice Pres.
Cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers; flaking & cracking equipment; used equipment.

International Farmers Grain Inc. ★

460 West 34th Street, New York, NY, 10001 U.S.A.; PH: 212/947-8585; TLX: 12319 (EAST EUR NYK); FAX: 212/629-3147.
CONTACT: Dr. Robert Ross
Trading company; **EXPORTER:** Soybeans; soybean meal 44% & 48%.

International Reserve Equipment Corp. ★

4 South Prospect Avenue, P.O. Box 198, Clarendon Hills, IL, 60514-0198 U.S.A.; PH: 708/325-7040; FAX: 708/325-7045.
CONTACT: Thomas J. Mertz, Partner/Adv.
Cookers/extruders/roasters; drying &

aeration equipment, conditioners & coolers, grain dryers, meal dryers; meal handling equipment, mixing equipment (dry), pelleting equipment, pulverizing equipment; milling equipment supplies, spare parts & repair; presses, continuous screw; screeners/screening equipment; solvent extraction equipment; solvent extraction distillation equipment; bleaching & filtering equipment; centrifuges; crude oil storage (tanks); filter presses; heat exchangers; oil dryers; soapstock equipment; used equipment; waste water treatment equipment.

Iowa Testing Laboratories, Inc. ★

Highway #17 North, P.O. Box 188, Eagle Grove, IA, 50533 U.S.A.; PH: 515/448-4741; FAX: 515/448-3402.
CONTACT: Jack W. Henry, Pres.
Analytical laboratories.

IPC Trading Co., Inc. ★

P.O. Box 1169, 25 Just Road, Fairfield, NJ, 07007 U.S.A.; PH: 201/227-2714; TLX: 178010 (MAPCO); FAX: 201/227-6533.
Other Offices: Fresno, CA (office); Santiago, CHILE (office)
CONTACT: Eric H. Jackson, Vice Pres.
Trading company; warehousing: export/import, ocean port terminal, U.S. Interior port; **EXPORTER:** Soybeans; soybean meal.

C. Itoh & Co., (America) Inc. ★

Affiliate of C. Itoh & Co., Ltd.
335 Madison Avenue, New York, NY, 10017 U.S.A.; PH: 212/818-8310; FAX: 212/818-8328.
CONTACT: Kohji Nagasaka, Vice Pres.
IMPORTER: Soybeans.

Len E. Ivarson, Inc. ★

3100 W. Green Tree Road, P.O. Box 23335, Milwaukee, WI, 53223 U.S.A.; PH: 414/351-0700; FAX: 414/351-4551.
CONTACT: Carl J. Mayer, Office Mgr.
Margarine equipment; shortening equipment.

Jacobson, Inc. ★

2445 Nevada Avenue No., Minneapolis, MN, 55427 U.S.A.; PH: 612/544-8781; FAX: 612/544-0908.
CONTACT: Jody Bystrom, Dir., Sales & Mktg.
Meal handling equipment, mixing equipment (dry), pulverizing equipment; milling equipment supplies, spare parts & repair.

See Our Display Ad On Page 47

JFC International Inc.

Affiliate of Kikkoman Corporation, Japan
540 Forbes Blvd., P.O. Box 7251,
San Francisco, CA, 94120 U.S.A.; PH:
415/871-1660; FAX: 415/952-3272.
Other Offices: Los Angeles, CA; Chicago, IL;
New York, NY (Tokyo Foods, Mfg.)
CONTACT: Thomas Sugihara, Vice Pres.,
Mktng. Mgr.
Trading company.

Johnson-Loft Engineers, Inc. ★

Affiliate of Alfa-Laval AB, Sweden
3100 Kerner Blvd., Suite C, San Rafael, CA,
94901 U.S.A.; PH: 415/459-5911; FAX:
415/459-5968.
Other Offices: Decatur, IL
CONTACT: Stan Loft, Exec. Vice Pres.
Bleaching & filtering equipment;
degumming equipment; deodorization
equipment; heat exchangers; hydrogenation
equipment; oil dryers; refining/neutraliza-
tion equipment, conventional caustic,
physical; soapstock equipment;
winterization equipment.

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**Journal of American Oil
Chemists Society**

1608 W. Broadmoor Drive, P.O. Box 3489,
Champaign, IL, 61826-3489 U.S.A.; PH:
217/359-2344; TLX: 4938651 (AOCS UI);
FAX: 217/351-8091.
CONTACT: James Lyon, Exec. Dir.
Publications/Informational services.

K-Testing Laboratory, Inc.

365 S. Main Street, Memphis, TN, 38103
U.S.A.; PH: 901/525-0519.
CONTACT: Lee Keating, Pres.
Analytical laboratories.

Peter Kalustian Associates, Inc. ★

239 Reserve Street, Boonton, NJ, 07005
U.S.A.; PH: 201/334-3008; FAX: 201/334-2757.
CONTACT: Peter Kalustian, Pres.
Consultants, industrial processes, plant
layout; engineering services.

Kansas City Southern Lines ★

114 W. 11th Street, Kansas City, MO,
64105 U.S.A.; PH: 816/556-0303; TLX: 42327;
FAX: 816/556-0418.
CONTACT: D. E. Johnson, Vice Pres., Sales
Transportation, railroad company.

Kawanishi Shoko Company, Ltd. ★

3499 E. Pico Blvd., Los Angeles, CA, 90023
U.S.A.; PH: 213/780-8166; FAX: 213/780-8224.
Other Offices: Yokohama, Kanagawa, JAPAN
CONTACT: Mike Haraguchi, Tech. Rep.
Soy milk & tofu equipment & supplies;
soyfoods packaging equipment & supplies.

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Kice Industries, Inc.

2040 S. Mead Avenue, P.O. Box 11388,
Wichita, KS, 67202-0388 U.S.A.; PH:
316/267-4281; FAX: 316/267-5931.
CONTACT: Tom Kice, Vice Pres.
Air classifiers; aspirators; commercial grain
cleaners; dust control systems & supplies;
loading & unloading equipment; dehulling
equipment; milling equipment supplies,
spare parts & repairs; screeners/
screening equipment.

**Knight-Ridder Commodity
Perspective ★**

Affiliate of Knight-Ridder
30 South Wacker Drive, Suite 1820, Chicago,
IL, 60606 U.S.A.; PH: 312/454-1801; FAX:
312/454-0239.
Other Offices: New York, NY (Commodity
Research Bureau)
CONTACT: Gerald Becker, Publisher
Publications/Informational services.

**Knight-Ridder Commodity
Research Bureau ★**

Affiliate of Knight-Ridder
75 Broad Street, 22nd Floor, New York, NY,
10005 U.S.A.; PH: 212/504-7754; FAX:
212/809-5442.
Other Offices: Chicago, IL
(Commodity Perspective)
CONTACT: Joan Fitzpatrick, Gen. Mgr.
Publications/Informational services.

**Lakeland Engineering
Equipment Company**

5735 Lindsay Street, Minneapolis, MN, 55422
U.S.A.; PH: 612/544-0321; FAX: 612/544-5541.
CONTACT: Jan Bruinooge, Pres.
Instruments/Instrument systems, control,
material level.

Landers Machine Company

207 East Broadway, Ft. Worth, TX, 76104
U.S.A.; PH: 817/336-5653.
CONTACT: Bobby White, Sales Mgr.

Coolers, fluidized bed; meal handling equipment, pelleting equipment.

Laucks Testing Laboratories, Inc.

940 S. Hamey Street, Seattle, WA, 98108
U.S.A.; PH: 206/767-5060; FAX: 206/767-5063.
CONTACT: James M. Owens, Lab Dir.
Analytical laboratories.

Law & Company ★

1763 Montreal Circle, Tucker, GA, 30084
U.S.A.; PH: 404/934-8200; FAX: 404/270-1700.
CONTACT: Robert E. Kieffer, Partner
Analytical laboratories.

Lembeck Associates, Inc. ★

8300 College Blvd., Overland Park, KS,
66210 U.S.A.; PH: 913/451-3157; TLX:
(FTCC MSG HNDER) 825934 (LEMBK UF);
FAX: 913/451-1876.
CONTACT: Henry G. Lembeck, Pres.
**Consultants, equipment, plant layout;
engineering services.**

Linnhoff March, Inc. ★

Affiliate of Linnhoff March, Ltd. (UK)
2 Cardinal Park Drive, Suite 205 A, P.O.
Box 2306, Leesburg, VA, 22075 U.S.A.; PH:
703/777-1118; FAX: 703/777-4145.
Other Offices: Houston, TX; San Mateo, CA
(both offices).
Consultants, industrial processes.

Lipid Systems International

708 N. Ridge, West Helena, AR, 72390 U.S.A.;
PH: 501/572-1704.
CONTACT: Paul McElroy, Pres.
**Consultants, industrial processes;
engineering services.**

O. H. Little Company ★

920 Pierremont Road, Suite 409, Shreveport,
LA, 71106-2037 U.S.A.; PH: 318/865-5580;
FAX: 318/869-0175.
CONTACT: Chuck Prince, Pres.
Broker, cash/product.

Living Farms ★

187 4th Street, P.O. Box 50, Tracy, MN,
56175 U.S.A.; PH: 507/629-4431; NAT WATS:
800/533-5320; FAX: 507/629-4253.
CONTACT: Ardell Anderson
**Broker, cash/product; supplier of soybeans
for food use; EXPORTER: Organically
grown soybeans for food use.**

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Lockhart Grain & Fertilizer Company, Inc. ★

Port Elevator - White River, 200 Campbell
Street, P.O. Box 521, Augusta, AR, 72006
U.S.A.; PH: 501/347-2581; FAX: 501/347-5174.
CONTACT: Bob Brannon
**Broker, cash/product, futures; financial,
commodity hedger; transportation, barge
line; news wires, commodity; supplier of
soybeans for food use; EXPORTER:
Soybeans (bulk).**

Machinery Supply, Inc. ★

1930 N. Mannheim Road, Melrose Park,
IL, 60160 U.S.A.; PH: 708/343-7800; FAX:
708/343-1726.
CONTACT: Donald E. Stallter, Pres.
**Air classifiers; bags, bagging equipment;
conveyors (drag or en masse); commercial
grain cleaners; dust control systems &
supplies; instruments/instrument systems,
quality control metal detection; scales;
soybean storage equipment & supplies,
elevator & silo storage; cookers/extruders/
roasters; coolers, fluidized bed; drying &
aeration equipment, conditioners & coolers,
grain dryers; meal handling equipment,
hammer mills, pelleting equipment, mixing
equipment (dry), pulverizing equipment;
presses, continuous screw, hydraulic;
screeners/screening equipment; solvent
extraction equipment; condensers; solvent
extraction distillation equipment; agitators
(liquid); bleaching & filtering equipment;
crude oil storage (tanks); deodorization
equipment; filter presses; heat exchangers;
used equipment; consultants, equipment;
inspection services.**

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Mallinckrodt, Inc. ★

Calsicat Division, 1707 Gaskell Avenue,
Erie, PA, 16503 U.S.A.; PH: 814/455-0951;
TLX: (WU) 914402 (CALSI CAT ERI); FAX:
814/456-7686.
Other Offices: Neunkirchen, FED.
REPUBLIC OF GERMANY
CONTACT: S. J. Stempka, Sales Coord.
Hydrogenation catalysts.

Marshall Labs, Inc.

103 N. 8th Street, Marshall, MN, 56258 U.S.A.;
PH: 507/537-1561.
CONTACT: Steve Brudvig, Tech. Dir.
**Dust control systems and supplies;
analytical laboratories; contract research
(pilot scale); engineering services.**

Martin Sprocket & Gear, Inc.

3600 McCart, P.O. Box 1038, Ft. Worth, TX,
76101-1038 U.S.A.; PH: 817/924-4255;
FAX: 817/924-7020.

Other Offices: Arlington, TX; Mansfield, TX
CONTACT: Tom Melton, Vice Pres., Div. Mgr.
**Dust control systems & supplies; loading &
unloading equipment, barge, railroad, ship,
truck; soybean storage equipment &
supplies, buildings, elevator & silo storage.**

Marubeni America Corporation ★

200 Park Avenue, New York, NY, 10166
U.S.A.; PH: 212/599-3755; TWX: (WU)
012424; FAX: 212/599-3987.

CONTACT: Ishi Gami, Mgr., Oilseed Dept.
Trading company; EXPORTER: Soybean,
soybean oil, soybean meal.

Mathews Company

500 Industrial Avenue, P.O. Box 70, Crystal
Lake, IL, 60014 U.S.A.; PH: 815/459-2210;
FAX: 815/459-5889.

CONTACT: Phil Farr, Field Sales Mgr.
Drying & aeration equipment, grain dryers.

Maywood Holdings, Inc. ★

880 Commerce Road, W., Suite 502,
New Orleans, LA, 70123 U.S.A.; PH:
504/436-2000; TLX: 6821248 (MAYWOOD);
FAX: 504/734-7136.

CONTACT: Jacques Brazy, Pres.
EXPORTER: Soybeans, soybean oil,
soybean meal.

McCullough & Co. ★

4717 E. 119th Street, P.O. Box 9824, Kansas
City, MO, 64134 U.S.A.; PH: 816/761-2857;
FAX: 816/761-2845.

CONTACT: Scott Rathbun, Sales
**Bags, bagging equipment; conveyors (drag
or en masse).**

**Measurement Systems
International ★**

14240 Interurban Avenue South, Seattle,
WA, 98168-4660 U.S.A.; PH: 206/433-0199;
TLX: 328005 (MSI SEA); FAX: 206/244-8470.
CONTACT: Ron Wenzel, Dir. of Mktg.
Scales.

Mercer Engineers, Inc.

Affiliate of Mercer Engineers Inc., Houston, TX
4229-B Jeffrey Drive, P.O. Box 15723, Baton
Rouge, LA, 70895 U.S.A.; PH: 504/293-3633;
FAX: 504/293-0231.
Other Offices: Dallas, TX; N. Little Rock, AR;
Houston, TX

CONTACT: Russell L. Morris, LA Rep.
**Dust control systems & supplies; loading &
unloading equipment, barge, rail, ship,
truck; soybean storage equipment &
supplies, elevator & silo storage; meal
handling equipment, hammer mills, mixing
equipment (dry), pulverizing equipment;
agitators (liquid); heat exchangers (stain-
less steel & higher alloys); consultants,
equipment, industrial processes.**

Merrill Lynch ★

World Financial Center, South Tower, 6th
Floor, New York, NY, 10080-6106 U.S.A.;
PH: 212/236-4111; FAX: 212/236-4452.

CONTACT: Tony Wolfskill, Agri. Prod. Mgr.
**Broker, futures; news wires, commodity;
publications/informational services.**

Metal Products International, Inc. ★

P.O. Box 1524, Greenwich, CT, 06836 U.S.A.;
PH: 203/661-4397; FAX: 203/622-8569.

CONTACT: Ernest F. Trescher, Sales Mgr.
**Flaking & cracking equipment; milling
equipment supplies, spare parts & repair;
chilled iron rolls.**

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Miami Margarine Company

5226 Vine Street, Cincinnati, OH, 45217
U.S.A.; PH: 513/242-2310; FAX: 513/242-2310.
CONTACT: Jim Heidrich, CEO
EXPORTER: Soy margarine; soy salad
dressings; soy mayonnaisse and soy
salad oil.

Mid-America Products, Inc. ★

Highway 48, West, P.O. Box 147, Taylorville,
IL, 62568 U.S.A.; PH: 217/824-9671.
CONTACT: Jerry R. Newcomb, Pres. & Owner
**Air classifiers; instruments/instrument
systems, moisture testers,
temperature monitors.**

Mid-Continent Laboratories, Inc. ★

1279 Jackson Avenue, P.O. Box 1521,
Memphis, TN, 38101 U.S.A.; PH:
901/725-1722; FAX: 901/278-4584.
Other Offices: Jackson, MS; Greenwood, MS
CONTACT: Donald Britton, Pres.
**Analytical laboratories; inspection services;
weighing services & surveys.**

Midland Enterprises, Inc.

Affiliate of Eastern Gas & Fuel Associates
1400 - 580 Building, P.O. Box 1460, Cincinnati,

OH, 45201 U.S.A.; PH: 513/721-4000;
FAX: 413/721-4000 (Ext. 409).
Other Offices: Hazel Crest, IL; Pittsburgh, PA;
St. Louis, MO
CONTACT: Brent Ericson, Mgr., Grain Mktg.
Transportation, barge line.

Midwest Soya International, Inc. ★
814 N. 5th Street, P.O. Box 537, Clear Lake,
IA, 50428 U.S.A.; PH: 515/357-6131;
FAX: 515/357-7168.
Other Offices: Thornton, IA
CONTACT: Kim F. Pleggenkuhle, Mgr.
Soybean seed supplier; supplier of soy-
beans for food use; EXPORTER: Soybeans.

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Mikropul Environmental Systems ★
Affiliate of Hosokawa Micron International
102 American Road, Morris Plains, NJ, 07950
U.S.A.; PH: 201/606-5900; FAX: 201/267-9722.
CONTACT: Karen Palumbo, Admin. Coord.
Bags, bagging equipment; dust control
systems & supplies.

Miles Inc.

Affiliate of Bayer AG
1127 Myrtle Street, P.O. Box 932, Elkhart,
IN, 46515 U.S.A.; PH: 219/264-2249;
TWX: 810-294-2249 (MILES BTG EKR);
FAX: 219/262-6747.
CONTACT: Thomas R. Schmidt, Mktg. Mgr.
Antioxidants.

Mills Brothers International, Inc. ★
7066 S. 188th Street, Kent, WA, 98032 U.S.A.;
PH: 206/575-3000; TLX: (RCA) 298555 (MILLS
UR); FAX: 206/251-0744.
CONTACT: Eric Mills, Vice Pres.
Broker, cash/product; trading company;
warehousing: export/import, ocean port
terminal; supplier of soybeans for food use;
EXPORTER: Soybeans; soybean meal; soy
flour; IMPORTER: Soybeans; soybean meal.

Miltronics, Inc. ★
Affiliate of Federal Industries
709 Stadium Drive E., Arlington, TX, 76011
U.S.A.; PH: 817/277-3543; FAX: 817/277-3894.
Other Offices: Peterborough, Ontario,
CANADA; Worcester, Worcs., ENGLAND
CONTACT: Robert P. Stament, Vice Pres./
Gen. Mgr.
Instruments/instrument systems,
flow measurement, material level,
warning systems.

Mississippi River Grain Elevator, Inc. ★

200 Carondelet Street, Suite 1900, New
Orleans, LA, 70130 U.S.A.; PH: 504/592-4600;
TLX: (MCI) 6822036; FAX: 504/525-5937.
CONTACT: Al Iliss
Trading company; warehousing: export/
import, U.S. interior.

Mitsubishi International Corp. ★

Affiliate of Mitsubishi Corp.
520 Madison Avenue, New York, NY, 10022
U.S.A.; PH: 212/605-2572; TLX: 710-581-6762;
FAX: 212/605-2476.
Other Offices: Portland, OR; San
Francisco, CA
CONTACT: Kensuke Miyazaki, Gen. Mgr.,
Food A Div.
Trading company; EXPORTER: Soybean oil.

Mitsui Grain Corporation ★

Affiliate of Mitsui & Company, Ltd.
10 S. Wacker Drive, Suite 1965, Chicago,
IL, 60606 U.S.A.; PH: 312/993-5712; FAX:
312/993-5741.
Other Offices: Portland, OR
CONTACT: Hiroshi Tokunaga, Asst. Gen. Mgr.
EXPORTER: Soybeans; soybean oil;
soybean meal.

Mixing Equipment Company ★

Affiliate of General Signal
135 Mt. Read Blvd., P. O. Box 1370, Roches-
ter, NY, 14611 U.S.A.; PH: 716/436-5550;
TLX: 97-8244; FAX: 716/436-5589.
Other Offices: Toronto, Ontario, CANADA
(Greer Lightnin); Poynton, Cheshire, ENG-
LAND (Lightnin Mixers Ltd.); Regents Park,
N.S.W., AUSTRALIA (Lightnin Mixers Pty. Ltd.)
CONTACT: Leonard J. Fela, Dir. Mktg.
Agitators (liquid); waste water treatment
equipment.

N. Hunt Moore & Associates ★

3951 Senator Street, Memphis, TN, 38118
U.S.A.; PH: 901/362-3267; FAX: 901/794-4221.
CONTACT: Jack G. Moore, Pres.
Aspirators; dehulling equipment; drying &
aeration equipment, conditioners & coolers,
meal dryers; flaking & cracking equipment;
meal handling equipment, pulverizing
equipment; screeners/screening equipment;
solvent extraction equipment; condensers;
flake desolventizers, flash/vapor; solvent
extraction distillation equipment; degum-
ming equipment; deodorization equipment;
fat splitters; fatty acid distillation-equip-
ment; heat exchangers; margarine

equipment; shortening equipment;
engineering services.

See Our Display Ad On Page 200

Motomco, Inc.

267 Vreeland Avenue, P.O. Box 300,
Paterson, NJ, 07543 U.S.A.; PH:
201/345-6200; FAX: 201/279-5958.
CONTACT: Anthony Abbate, Ad. Mgr.
Dust control systems and supplies.

Nash-Kineta, Inc. ★

Affiliate of Nash Engineering Company
700 Glassport-Elizabeth Road, P.O. Box
176, Elizabeth, PA, 15037 U.S.A.; PH:
412/384-3610; FAX: 412/384-4880.
Other Offices: Oberursel, FEDERAL
REPUBLIC OF GERMANY (Nash Pumpen
GmbH); Winsford, Cheshire, ENGLAND (Nash
Engineering Co. [GB] Ltd.); SINGAPORE
(Nash Int'l Co.)
CONTACT: Richard T. Leong, Prod.
Sales Mgr.
Solvent extraction equipment; solvent
extraction distillation equipment; bleaching
& filtering equipment; deodorization
equipment; fatty acid distillation equipment.

National Agricultural Library ★

U.S. Department of Agriculture
NAL Building, Rm. 201, 10301 Baltimore
Blvd., Beltsville, MD, 20705 U.S.A.; PH:
301/344-3755; TWX/TLX: 710/828-0506;
FAX: 301/344-5472.
Other Offices: D.C. Reference Center,
Washington, DC.
CONTACT: Joseph Howard, Dir.
Publications/informational services.

National Dryer Services, Inc.

P.O. Box 29, Prospect, KY, 40059 U.S.A.;
PH: 502/228-5353.
CONTACT: Terry L. Willis, Pres.
Drying & aeration equipment, conditioners
& coolers, meal dryers; used equipment.

National Marine, Inc.

1515 Poydras Street, Suite 1500, New Orleans,
LA, 70152 U.S.A.; PH: 504/529-8616.
Other Offices: Pittsburgh, PA; Chicago, IL;
Houston, TX
CONTACT: Joe Chiedo, Mgr., Frt.
Transportation, barge line.

Natural Foods Merchandiser ★

Affiliate of New Hope Communications
1301 Spruce Street, Boulder, CO, 80302

U.S.A.; PH: 303/939-8440; FAX: 303/939-9559.
CONTACT: Steven M. Hoffman, Editor
Publications/informational services.

The Nay Company

423 S. College Street, P.O. Box 605,
Waxahachie, TX, 75165 U.S.A.; PH:
214/937-1652; FAX: 214/923-2517.
CONTACT: Darell Nay, Pres.
Conveyors (drag or en masse); commercial
grain cleaners; loading & unloading
equipment, barge, truck; soybean storage
equipment & supplies, buildings (flat
storage), elevator & silo storage; construc-
tion contractors, complete plants;
consultants, plant layout.

NCI of Minnesota, Inc.

14030 21st Avenue, N., Minneapolis,
MN, 55447 U.S.A.; PH: 612/553-0360;
FAX: 612/553-0363.
CONTACT: H. G. Lehr, Pres.
Loading & unloading equipment, barge,
railroad, ship, truck; soybean storage
equipment & supplies, elevator & silo
storage; construction contractors, complete
plants, protein plants.

Neogen Corporation ★

620 Leshner Place, Lansing, MI, 48912 U.S.A.;
PH: 517/372-9200; TWX: 936-220 (NEOGEN);
FAX: 517/372-2006.
CONTACT: Luther Herbert, Telemktng. Mgr.
Instruments/instrument systems, grain
analyzers; analytical laboratories.

Neuero Corporation ★

1201 Hawthorne Lane, West Chicago, IL,
60185 U.S.A.; PH: 312/231-9020; TLX: 210239
(NERO UR); FAX: 312/231-6120.
CONTACT: Mike Hill, Vice Pres., Sales
Conveyors (drag or en masse); loading
& unloading equipment, barge, railroad,
ship, truck.

New Jersey Feed Lab, Inc. ★

910 Pennsylvania Avenue, CN 06650,
Trenton, NJ, 08650 U.S.A.; PH: 609/392-8818;
FAX: 609/392-3271.
CONTACT: Carl Schultze, Pres.
Analytical laboratories.

**New Jersey Soybean
Industry Advisory Council**

New Jersey Dept. of Agriculture, CN 330,
Trenton, NJ, 08625 U.S.A.; PH: 609/292-8853;
FAX: 609/984-5367.
CONTACT: Logan Brown, Council Liaison
Publications/informational services.

Nikken Foods Company Ltd. ★

1374 Clarkson Clayton Center, Suite 319,
Ellisville, MO, 63011 U.S.A.; PH: 314/532-
1019; TLX: 7101111912; FAX: 314/527-5057.
CONTACT: Herbert Bench, Pres.
IMPORTER: Fermented Japanese
soy sauce.

NIR Systems, Inc. ★

Affiliate of Perstorp Analytical
2441 Linden Lane, Silver Spring, MD, 20910
U.S.A.; PH: 301/495-7100; FAX: 301/587-9032.
CONTACT: Angela C. Sasso, Adv. Specialist
**Instruments/instrument systems, grain
analyzers, moisture testers, oil/protein/fiber
analyzers; analytical laboratory equipment.**

Nissho Iwai American Corporation ★

1211 Avenue of the Americas, New York,
NY, 10036 U.S.A.; PH: 212/704-6843;
FAX: 212/704-6838.
CONTACT: Mitsuyuki Nishimura, Mgr.
EXPORTER: Edible purpose soybean tofu/
nattoh; soy lecithin; soy flour; **IMPORTER:**
Edible purpose soybean tofu/nattoh; soy
lecithin; soy flour.

The Nolan Company

300 Boyce Drive, Box 201, Bowerston,
OH, 44695 U.S.A.; PH: 614/269-2771;
FAX: 614/269-1919.
CONTACT: Larry Longworth, Chief Eng.
Loading & unloading equipment, railroad.

Norfolk Oil Transit, Inc. ★

P.O. Box 1756, Norfolk, VA, 23501 U.S.A.;
PH: 804/622-2687; FAX: 804/623-4935.
CONTACT: Kent D. Kimball, Vice Pres.
**Warehousing: export/import, bulk liquid
storage, ocean port terminal.**

Norfolk Southern Corporation

204 S. Jefferson Street, Roanoke, VA, 24042-
0069 U.S.A.; PH: 703/985-6794.
CONTACT: Carl H. Fariss, Mktg. Mgr.,
Agric. & Food Prods.
Transportation, railroad company.

Nosawa New York, Inc. ★

Affiliate of Nosawa & Company, Ltd., Japan
350 Fifth Avenue, Empire State Building,
Suite 7616-7618, New York, NY, 10118 U.S.A.;
PH: 212/594-3323; TLX: 234690 (NOSN UR);
FAX: 212/563-0072.
CONTACT: Ike Yamamura, Sales Mgr.
Soy milk & tofu equipment & supplies.

Ohaus Corporation ★

Affiliate of Mettler USA
29 Hanover Road, F.O. Box 900,
Florham Park, NJ, 07932 U.S.A.; PH:
201/377-9000; TLX: 685-3191 (OHAUSUW);
FAX: 201/593-0359.
CONTACT: John Zorn, Nat'l. Sales Mgr.
**Instruments/instrument systems, control,
moisture testers; scales; computer process
control, hardware, programming, software;
weighing services & surveys.**

**The Ohio River Company
& Orgulf Transport Company ★**

P.O. Box 1460, Cincinnati, OH, 45201 U.S.A.;
PH: 513/721-4000.
Other Offices: St. Louis, MO; Chicago, IL;
Pittsburgh, PA (all offices)
**Trading company; transportation,
barge line.**

Oil-Dri Corporation of America

520 N. Michigan Avenue, Chicago, IL,
60611 U.S.A.; PH: 312/321-1515;
TWX: 910-221-5280.
Other Offices: Ripley, MS; Montreal, Quebec,
CANADA; Ochlocknee, GA
CONTACT: Steven M. Azzarello, Tech.
Service Mgr.
Anti-caking agents; bleaching clays/earths.

OK Enterprises International Ltd. ★

1027 Grape Avenue, Sunnyvale, CA, 94087
U.S.A.; PH: 408/734-8299; FAX: 408/732-3147.
CONTACT: Abraham Sule, Pres.
**Soybean seed supplier; supplier of
soybeans for food use.**

**Oliver Manufacturing
Company, Inc.**

17777 Highway 50, P.O. Box 512, Rocky
Ford, CO, 81067 U.S.A.; PH: 719/254-7814;
TLX: 709253 (OLIVER MFR CO).
CONTACT: Thomas Helman, Sales Mgr.
**Commercial grain cleaners; screeners/
screening equipment.**

Osmonics Inc. ★

5951 Clearwater Drive, Minnetonka, MN,
55343 U.S.A.; PH: 612/933-2277; TLX:
29-0847; FAX: 612/933-0141.
**Analytical laboratory equipment; waste
water treatment supplies.**

Oxford Analytical ★

Corporate Place 93, 100 Burr Road,
Andover, MA, 01810 U.S.A.; PH:
508/470-3700; FAX: 508/682-0614.

CONTACT: Harold W. Major, Pres.
Instruments/instrument systems, oil/protein/
fiber analyzers, quality control metal
detection; analytical laboratory equipment.

**Pacific Scientific Company,
Instrument Division**

2431 Linden Lane, Silver Spring, MD, 20910
U.S.A.; PH: 301/495-7000; TLX: 197634
(PACSCI UT); FAX: 301/495-0478.

CONTACT: Michael H. Evans, Nat'l. Sales
Mgr., Agr.

Instruments/instrument systems, grain
analyzers, moisture testers, oil/protein/fiber.

Pacific Soybean & Grain ★

495 De Haro Street, San Francisco, CA, 94107
U.S.A.; PH: 415/863-0867; FAX: 415/431-9494.

CONTACT: Daniel J. Burke, Pres.

Trading company; soybean seed supplier;
supplier of soybeans for food use;

EXPORTER: Soybeans (varietal pure).

Pagaza & Sons Company ★

5400 Mitchelldale, Suite B8, Houston, TX,
77092 U.S.A.; PH: 713/680-2152; TLX: (ITT)
4998459 (IBECO); FAX: 713/680-1414.

CONTACT: Imanol Martin, Salesman

Trading company; EXPORTER: Oil, fully
refined; IMPORTER: Oil, crude.

Paine Webber, Inc. ★

141 West Jackson Blvd., 2nd Floor,
Chicago, IL, 60604 U.S.A.; PH: 312/580-8750;
FAX: 312/580-1676.

Other Offices: New York, NY

CONTACT: Jim Harding, Mgr.

Broker, futures.

Panel Systems Company ★

Affiliate of Rolland Engineering, Inc.
123 Columbia Court, North, Chaska,
MN, 55318 U.S.A.; PH: 612/448-4133;
FAX: 612/448-2613.

CONTACT: M. Douglas Rolland, Pres.

Instruments/instrument systems, control.

PdT International, Inc.

323 W. Schlieman Avenue, Appleton,
MN, 56208 U.S.A.; PH: 612/289-1981;
FAX: 612/289-1982.

CONTACT: Otto Schmid, Pres.

Trading company; supplier of soybeans for
food use; EXPORTER: Variety specific
soybeans for food use.

Perstorp Analytical, Inc. ★

Affiliate of Perstorp Analytical BV

2875C Towerview Road, Herndon, VA, 22071
U.S.A.; PH: 703/435-3300; FAX: 703/435-3363.

CONTACT: Dieter Curlis, Pres.

Instruments/instrument systems, grain
analyzers, moisture testers, oil/protein/fiber
analyzers; milling equipment supplies,
spare parts & repair; solvent extraction
equipment; solvent extraction distillation
equipment; solvent vapor detection &
control; analytical laboratory equipment;
waste water treatment equipment.

Phillips 66 Company ★

328 Phillips Building Annex, Bartlesville,
OK, 74004 U.S.A.; PH: 918/661-0875; TLX:
49-2455; FAX: 918/661-8379.

Other Offices: Tulsa, OK (Arrowhead
Marketing Services)

CONTACT: Jim Adams, Mgr.,
Hydrocarbon Solvents

Dust control systems & supplies; solvents.

See Our Display Ad On Page 46

Phys-Chem Scientific Corp.

36 W. 20th Street, New York, NY, 10011
U.S.A.; PH: 212/924-2070; TLX: 620706
(PHYS CHEM); FAX: 212/243-7352.

CONTACT: Stephen Weisskoff, Pres.

Moisture testers (measure relative humidity
& temperature).

C. A. Picard Inc. ★

Affiliate of Carl Aug. Picard GmbH & Co. KG
1710 E. Guthrie Avenue, Suite X, Des
Moines, IA, 50316 U.S.A.; PH: 515/266-3702;
FAX: 515/266-4549.

Other Offices: Battle Creek, MI; Belleville, KS

CONTACT: Lon Smallridge, Sales Mgr.

Cookers/extruders/roasters; milling
equipment supplies, spare parts & repair;
presses, continuous screw.

The Pillsbury Company ★

M.S. 27F3, Pillsbury Center, Minneapolis,
MN, 55402 U.S.A.; PH: 612/330-4254; TLX:
687-9040 (PILLS UW); FAX: 612/330-8961.

CONTACT: Myron W. Achenbach, Mgr.,
Export Feed

Broker, cash/product, futures; trading
company; EXPORTER: Soybean meal, 44%
& 48%; soybeans.

Pitt-Des Moines, Inc. ★

3400 Grand Avenue, Neville Island, Pittsburgh,
PA, 15225 U.S.A.; PH: 412/331-3000;
FAX: 412/331-3188.

CONTACT: Rodger Marentis, Dir., Mktg.

Solvent extraction equipment, supercritical fluid (SFE); solvent extraction distillation equipment, supercritical fluid; deodorization equipment; fatty acid distillation equipment; fractionation equipment.

Plant Maintenance Service Corporation

3000 Fite Road, P.O. Box 280883, Memphis, TN, 38168 U.S.A.; PH: 901/353-9880; TLX: 510-100-2930; FAX: 901/353-9880 (Ext. 219).

Other Offices: Memphis, TN

CONTACT: Harold H. Perry, Vice Pres.

Conveyors (drag or en masse); cookers/extruders/roasters; coolers, fluidized bed; drying & aeration equipment, conditioners & coolers; flaking & cracking equipment; solvent extraction equipment; condensers; solvent extraction distillation equipment; crude oil storage (tanks); deodorization equipment; fatty acid distillation equipment; heat exchangers; hydrogenation equipment; oil dryers.

Pope Testing Laboratories, Inc. ★

2618 Main Street, P.O. Box 903, Dallas, TX, 75221 U.S.A.; PH: 214/742-8491; FAX: 214/748-2999.

CONTACT: Leon S. Hunter, Pres.

Analytical laboratories.

Port of Houston Authority

P.O. Box 2562, Houston, TX, 77252 U.S.A.; PH: 713/670-2563; TLX: (WU) 792623 (HOUPUBHOU); FAX: 713/670-2438.

CONTACT: Glenn Feilner, Mgr., Bulk Facility Transportation, barge line, ocean freight line; warehousing: export/import, U.S. Interior port, ocean port terminal; EX-PORTER: Bulk soybeans; soybean meal.

Porter Testing Laboratory

1014 S. Walker, P.O. Box 25303, Oklahoma City, OK, 73125 U.S.A.; PH: 405/235-7985; FAX: 405/235-7986.

CONTACT: Steve Daves, Owner

Analytical laboratories.

Prater Industries, Inc. ★

1515 S. 55th Court, Chicago, IL, 60650 U.S.A.; PH: 708/656-8500; TLX: 284312; FAX: 708/656-8576.

CONTACT: Jay R. Howell, Prod. Mgr.

Air classifiers; bags, bagging equipment; Instruments/Instrument systems, control,

warning systems; scales; dehulling equipment; flaking & cracking equipment; meal handling equipment, hammer mills, mixing equipment (dry), pelleting equipment, pulverizing equipment; milling equipment supplies, spare parts & repair; screeners/screening equipment, computer process control; programming, software.

See Our Display Ad On Page 166

Pro-Seed, Inc.

236 Sugar Street, P.O. Box 55, Blissfield, MI, 49228 U.S.A.; PH: 517/486-3520;

FAX: 517/486-2631.

CONTACT: Ronald Jacob, Vice Pres.

Soybean breeder, soybean seed supplier; supplier of soybeans for food use.

Process Systems, Inc. (PSI) ★

1790 Kirby Parkway, Suite 300, Memphis, TN, 38138 U.S.A.; PH: 901/756-8250; TWX: 910-240-6506; FAX: 901/756-8253.

CONTACT: Joe Anglin, Mgr., Bus. Dev. Engineering services.

Progressive Development, Inc. ★

550 Progress Drive, Hartland, WI, 53029 U.S.A.; PH: 414/367-5044; FAX: 414/367-8123.

CONTACT: Lowell C. Frank, Pres.

Dust control systems & supplies; drying & aeration equipment, meal dryers.

Protein Research Associates

901 Grayson Street, Berkeley, CA, 94710 U.S.A.; PH: 415/845-7614.

CONTACT: Theodore Aarons, Dir.

Consultants, product development; contract research (pilot scale).

Prudential-Bache Securities, Inc.

100 Gold Street, New York, NY, 10038 U.S.A.; PH: 212/796-2782; FAX: 212/776-2192.

CONTACT: Richard A. Loewy, Sr. Grain & Oilseed Analyst

Broker, futures.

Quadro, Inc.

107 Hawthorne Avenue, Park Ridge, NJ, 07656 U.S.A.; PH: 201/391-6264; FAX: 201/391-6804.

Other Offices: Sonoma, CA; Waterloo; St. Jacobs, Ontario, CANADA

CONTACT: Fred Giordano, Pres.

Meal handling equipment, hammer mills,

— Be Sure Your Company Is Listed In The '91 Soya Bluebook —

mixing equipment (dry), pulverizing equipment; milling equipment supplies, spare parts & repair; screeners/ screening equipment.

Rainey Commodities, Inc. ★

5160 Sanderlin Avenue, Suite 1, Memphis, TN, 38117-4353 U.S.A.; PH: 901/767-0010.

CONTACT: Jasper E. Rainey, Pres.

Broker, cash/product, futures.

The Rapat Corporation ★

Hawley Industrial Park, Hawley, MN, 56549 U.S.A.; PH: 218/483-3344; FAX: 218/483-3535.

CONTACT: Mike Spillum, Sales

Conveyors (drag or en masse); loading & unloading equipment, barge, railroad, ship, truck.

Reliance Electric Company ★

P.O. Box 17438, Cleveland, OH, 44117 U.S.A.; PH: 800/245-4501 (in U.S.A.).

CONTACT: Pat Brown, Adv. Mgr.

Conveyors (drag or en masse); instruments/ instrument systems, automatic samplers; scales; soybean storage equipment & supplies, elevator & silo storage; milling equipment supplies, spare parts & repair; analytical laboratory equipment.

W. L. Richeson & Sons, Inc. ★

Sanlin Building, 422 Canal Street, P.O. Box 50248, New Orleans, LA, 70150 U.S.A.; PH: 504/529-5641; TLX: 58256 (RICHESON NLN); FAX: 504/586-1754.

CONTACT: J. R. Surgi, Vice Pres.
Forwarding agent.

Rickel, Inc. ★

4800 Main Street, Suite 430, Kansas City, MO, 64112 U.S.A.; PH: 816/561-5912; FAX: 816/756-1369.

Other Offices: Wichita, KS; Ft. Smith, AR; Springfield, OH

CONTACT: Dick Bredesen, Mdse. Mgr.
Roasted Prods.

Cookers/extruders/roasters (soybean roasters). Trading company; EXPORTER: Roasted soybeans (full fat); soybean roasters.

RIMECO, Incorporated

2801 N.W. Expressway, Suite 125, Oklahoma City, OK, 73112 U.S.A.; PH: 405/848-3009.

CONTACT: J. B. Rivers, Jr., Pres.

Degumming equipment; hydrogenation equipment; refining/neutralization equipment.

Ring Around Research Center ★

Service Road I-27, P.O. Box 1017, Hale Center, TX, 79041 U.S.A.; PH: 806/830-2424 or 296-6161.

CONTACT: William H. Davis, Proj. Leader
Research in soybean breeding.

River Grain Company

900 Catlett Street, P.O. Box 200, Hickman, KY, 42050 U.S.A.; PH: 502/236-2555.

CONTACT: Jack Hudgens, Mgr.

Warehousing: export/import, U.S. interior port.

Roach Ag. Marketing Ltd. ★

Highway 141 & 12th Street, P.O. Box 388, Perry, IA, 50220 U.S.A.; PH: 515/465-5381; FAX: 515/465-5833.

Other Offices: Cedar Rapids, IA; West Point, NE

CONTACT: John Roach, Pres.

Broker, futures; marketing consultant; publications/informational services.

Robinson Milling Systems ★

2955 Fairfax Trafficway, Kansas City, KS, 66115 U.S.A.; PH: 913/621-6466; FAX: 913/621-1729.

Other Offices: Toronto, Ont., CANADA

CONTACT: Ben J. Ross, Sales Mgr.

Aspirators; milling equipment supplies, spare parts & repair; screeners/ screening equipment.

Dennis E. Roby & Associates, Inc. ★

1900 E. Eldorado, P.O. Box 1425, Decatur, IL, 62525 U.S.A.; PH: 217/429-4412; FAX: 217/429-4416.

CONTACT: Bryan K. Mikeworth, Mgr.

Consultants, industrial processes, plant layout; engineering services.

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George A. Rolfes Company

P.O. Box 458, Boone, IA, 50036 U.S.A.; PH: 515/432-3300; TWX: 910-520-2431; FAX: 515/432-6919.

CONTACT: Myron Oliver, Sales Mgr.

Dust control systems & supplies; instruments/instrument systems, control, temperature monitors; drying & aeration equipment.

Rolland Engineering, Inc. ★

123 Columbia Court, No., Chaska, MN, 55318

U.S.A.; PH: 612/448-4133.
Consultants, industrial processes, plant layout; engineering services.

Rose International ★

P.O. Box 5020, Santa Rosa, CA, 95402-5020
 U.S.A.; PH: 707/576-7050; FAX: 707/545-7116.
CONTACT: Richard Rose, Pres.
Consultants, equipment, industrial processes, product development; contract research (pilot scale); Marketing consultant; news wires, commodity; publications/informational services; EXPORTER: Various.

Rotex Inc. ★

1230 Knowlton Street, Cincinnati, OH, 45223
 U.S.A.; PH: 513/541-1236; TLX: 214206;
 FAX: 513/541-4888.
CONTACT: Alex C. Young, Pres.
Commercial grain cleaners; screeners/ screening equipment.

L. A. Salomon Inc. ★

Affiliate of Süd-Chemie Ag
 150 River Road, Suite A-4, Montville, NJ, 07045 U.S.A.; PH: 201/335-8300; TLX: 961470 (SALOMON SCNA); FAX: 201/335-1236.
CONTACT: A. M. Rossetto, Jr., Pres.
Bleaching clays/earths.

San Labs

Affiliate of Cargill, Inc.
 405 8th Avenue, S.E., Cedar Rapids, IA, 52401
 U.S.A.; PH: 319/366-3570; FAX: 319/366-4018.
CONTACT: Nadine Drennan, Lab Mgr.
Analytical laboratories.

Sanders Elevator Corp.

North Sharpe Avenue, P.O. Box 1169, Cleveland, MS, 38732 U.S.A.;
 PH: 601/843-2394.
CONTACT: Sonny King, Asst. Secy., Treas.
Warehousing: export/import, U.S. Interior; soybean seed supplier.

E.W. Saybolt & Co. ★

200 L & A Road, P.O. Box 218, Metairie, LA, 70001 U.S.A.; PH: 504/833-1463; TLX: 823-320; FAX: 504/837-7956.
Other Offices: Houston, TX; Kenilworth, NJ; Philadelphia, PA.
CONTACT: Shams Mustafa, Mgr., Agri.
Analytical laboratories; inspection services; weighing services & surveys.

Scandura, Inc.

Affiliate of BBA Group plc
 1801 N. Tryon Street, P.O. Box 30606,

Charlotte, NC, 28230 U.S.A.; PH: 704/334-5353; TWX: 810-621-7880;
 FAX: 704/334-6301.
Other Offices: Port Clinton, OH; Bracebridge, Ontario, CANADA
CONTACT: Chuck Robbins, Mgr.,
 Mkting. Services
Conveyors.

Schipke Engineers ★

5100 Thimsen Avenue, Minnetonka, MN, 55345 U.S.A.; PH: 612/474-3295;
 FAX: 612/474-3298.
CONTACT: John Ringstrom, Pres.
Computer process control, hardware; consultants, equipment, industrial processes, plant layout; engineering services.

Schlagel, Inc. ★

491 North Emerson Avenue, P.O. Box 353, Cambridge, MN, 55008 U.S.A.; PH: 612/689-5991; FAX: 612/689-5310.
CONTACT: Al Havemeier, Vice Pres.
Conveyors (drag or en masse); loading & unloading equipment, barge, railroad, ship, truck; soybean storage equipment & supplies, elevator & silo storage.

Schnupp's Grain Roasting, Inc. ★

R.D. 6, Box 840, Lebanon, PA, 17042 U.S.A.;
 PH: 717/865-6611; FAX: 717/865-7334.
CONTACT: Dale L. Schnupp, Pres.
Cookers/extruders/roasters; EXPORTER: Roast-a-Matic Grain Roaster.

Schouten International Inc. ★

Affiliate of Schouten/Giessen NV
 6750 France Avenue So., Minneapolis, MN, 55435 U.S.A.; PH: 612/920-7700;
 TLX: (TRT) 192112 (SCHOUTEN USA);
 FAX: 612/920-7704.
CONTACT: Arthur J. Otto, Pres.
Trading company; EXPORTER: Soybeans; soybean meal.

J. M. Schultz Seed Company ★

Affiliate of Biotechnica Agriculture Inc.
 105 Pine Street, P.O. Box 211, Dieterich, IL, 62424 U.S.A.; PH: 217/925-5212;
 FAX: 217/925-5210.
CONTACT: Ron Prinz, Gen. Mgr.
Soybean breeder; soybean seed supplier; EXPORTER: Proprietary soybean seed.

Scoular Grain Company ★

2027 Dodge Street, Omaha, NE, 68102 U.S.A.;
 PH: 402/342-3500; FAX: 402/342-5568.
Other Offices: Kansas City, MO; Fresno, CA
CONTACT: Duane A. Fischer, Pres.

Broker, cash/product; warehousing: export/ import, U.S. interior.

Screw Conveyor Corporation ★

700 Hoffman Street, Hammond, IN,
46327 U.S.A.; PH: 219/931-1450; TWX:
510-601-7007; FAX: 219/931-0209.

Other Offices: Visalia, CA (Screw Conveyor
Pacific Corp.—office & mfg.); Chanute, KS
(Screw Conveyor Corp., Mid States Div.—office
& mfg.); Winona, MS (office & mfg.); Atlanta,
GA (office)

CONTACT: Dwight L. Snow, Vice Pres.,
Sales/Mkting.

**Conveyors (drag or en masse); loading &
unloading equipment, truck.**

Seaboard Trading Limited

Affiliate of Seaboard Corp.

9000 W. 67th Street, P.O. Box 2972, Shawnee
Mission, KS, 66201 U.S.A.; PH: 809/295-0925;
TLX: 3487 (SAMVA); FAX: 809/295-0925.

CONTACT: Kevin Deuel, Pres.

**Broker, cash/product, futures; trading
company; transportation, ocean freight line;
EXPORTER: Oilseeds and by-products
(meal and pellets); IMPORTER: Oilseed
meals and pellets.**

Seedbuero Equipment Co. ★

1022 W. Jackson Blvd., Chicago, IL, 60607
U.S.A.; PH: 312/738-3700; TLX: 270378
(SEEDBURO CGO); FAX: 312/738-5329.

Other Offices: Minneapolis, MN (Gamet
Mfg. Co.)

CONTACT: Kathy Reading, Sales Mgr.

**Aspirators; bags, bagging equipment;
conveyors (drag or en masse); commercial
grain cleaners; instruments/instrument
systems, automatic samplers, grain
analyzers, material level, moisture testers,
oil/protein/fiber analyzers, quality control
metal detection, temperature monitors;
scales; soy protein equipment & supplies;
analytical laboratory equipment.**

SGS Control Services, Inc.

42 Broadway, 20th Floor, New York, NY,
10004 U.S.A.; PH: 212/482-8700; TLX: 426974
(SUP UI); FAX: 212/363-2907.

CONTACT: Norman A. Green, Vice Pres.

**Analytical laboratories; inspection services;
weighing services & surveys.**

Shanzer Grain Dryer

Affiliate of D & W Industries, Inc.

P.O. Box 834, Sioux Falls, SD, 57101 U.S.A.;
PH: 605/336-0439; FAX: 605/336-9569.

CONTACT: Glen Hansen, Pres.

Drying & aeration equipment, grain dryers.

Shivvers, Inc.

614 W. English, P.O. Box 467, Corydon,
IA, 50060 U.S.A.; PH: 515/872-1005; TLX:
910-520-1970 (SHIVVERS CRYD).

CONTACT: Roy Truax, Sales Mgr.

Drying & aeration equipment, grain dryers.

Siegel Chemical

Export Corporation ★

170 Broadway, Suite 806, New York,
NY, 10038 U.S.A.; PH: 212/406-9200;
TLX: 710-584-2369 (RICHARD NY) or
(ITT) 4971712 (GULL); FAX: 212/608-4368.

CONTACT: Kiki Siegel, Vice Pres.

EXPORTER: Soybeans, soymeal, lecithin.

Siftex Equipment Company

75 Michael Road, P.O. Box 16760, Stamford,
CT, 06905 U.S.A.; PH: 203/968-0361.

CONTACT: Richard E. Weil, Gen. Mgr.

**Screeners/screening equipment;
used equipment.**

Sigco Sun Products, Inc.

90 N. 8th Street, P.O. Box 331, Breckenridge,
MN, 56520 U.S.A.; PH: 218/643-8467;

TLX: 910-561-3930 (RESH BRI(R);

FAX: 218/643-4555.

Other Offices: Wahpeton, ND; Breckenridge,
MN; Colby, KS

CONTACT: David A. Skyberg, Pres.

Supplier of soybeans for food use;

EXPORTER: Soybeans.

Sikes Machine Shop, Inc. ★

2100 Industrial Drive, P.O. Box 370,
Slaton, TX, 79364 U.S.A.; 806/828-6568;
FAX: 806/828-6569.

CONTACT: Donald Sikes, Vice Pres.

**Cookers/extruders/roasters;
presses, continuous screw; solvent
extraction equipment.**

W. M. Simeral & Company, Inc. ★

29 N. River Street, Batavia, IL, 60510
U.S.A.; PH: 708/406-1400; TLX: 281006

(WMSIMERAL HINS); FAX: 708/406-1499.

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Other Offices: Burbank, CA (Ryco Inc.); San Juan, PR (Interagro Commodities); Metro Manila, PHILIPPINES
CONTACT: Steve Simeral, Pres.
Broker, cash/product.

Simes, Inc.

Box 38, Walters, MN, 56092 U.S.A.;
 PH: 507/294-3780.
CONTACT: Jerry Hanson, Bus. Mgr.
Drying & aeration equipment, grain dryers.

Simons-Eastern Consultants Inc. ★

Affiliate of H. A. Simons Ltd.
 1 W. Court Square, P.O. Box 1286, Atlanta, GA, 30301-1286 U.S.A.; PH: 404/370-3200; FAX: 404/370-3686.
Other Offices: Minneapolis, MN (Conkey/KWM, Inc.); Vancouver, B.C.; Montreal; Toronto, Ontario, CANADA (H. A. Simons Ltd.); São Paulo, BRAZIL (Natron-Simons); Melbourne, Victoria, AUSTRALIA (H. A. Simons Ltd.); Auckland, N.I., NEW ZEALAND (Beca Simons Ltd.)
CONTACT: Bill Vaughn, Mgr., Food Bev. & Consumer Prods.
Computer process control, hardware, programming, software; construction contractors, complete plants, protein plants; consultants, equipment, plant layout, industrial processes, product development; engineering services; inspection services.

Slidell, Inc. ★

1234 Brady Blvd. N.W., P.O. Box 710, Owatonna, MN, 55060 U.S.A.; PH: 507/451-0365; FAX: 507/451-2405.
CONTACT: Dale Benjamin, Sales Mgr.
Bags, bagging equipment; conveyors (drag or en masse); instruments/instrument systems, material level; soyfoods packaging equipment & supplies; used equipment.

Smico Manufacturing Corp.

500 N. MacArthur Blvd., Oklahoma City, OK, 73127 U.S.A.; PH: 405/946-1461 or 800/351-9088; FAX: 405/946-1461.
CONTACT: Bill Belous, Pres. & Gen. Mgr.
Aspirators; commercial grain cleaners; dehulling equipment.

Smith Barney, Harris Upham & Company, Inc.

333 W. 34th Street, 9th Floor, New York, NY, 10001 U.S.A.; PH: 212/356-2406.
CONTACT: Walter Spilka, Grain Analyst
Broker, futures.

A. R. Smith & Company, Inc.

2217 - 152nd, N.E., P.O. Box 6369, Redmond, WA, 98052 U.S.A.; PH: 206/643-4515; TLX: (WU) 9102508154 (A.R. SMITH CO UQ).
CONTACT: Bruce Heyduck, Mdsr.
Broker, cash/product; trading company; transportation, trucking firm; warehousing; export/import, ocean port terminal; supplier of soybeans for food use; EXPORTER: Soybeans, soymeal.

Norman O. V. Sonntag, PhD. ★

306 Shadow Wood Trail, Red Oak, TX, 75154 U.S.A.; PH: 214/617-3033.
CONTACT: Norman O.V. Sonntag, Pres.
Marketing consultant, chemical & industrial uses, not oil.

The South American News Agency, Inc.

151 W. 46th Street, 11th Floor, New York, NY, 10036 U.S.A.; PH: 212/840-2210; FAX: 212/575-4985.
CONTACT: Paulo Gilkas
News wires, commodity; publications/information services.

Southern Testing and Research Laboratories, Inc. ★

3709 Airport Drive, P.O. Box 1849, Wilson, NC, 27893 U.S.A.; PH: 919/237-4175; FAX: 919/237-9341.
CONTACT: Kenneth Boyer, Pres., Tech. Dir.
Analytical laboratories, full range of fat and oil analyses; nutritional labeling analyses.

Soy-Cot Sales, Inc. ★

2590 E. Devon Avenue, Des Plaines, IL, 60018 U.S.A.; PH: 708/297-4160; TLX: 726319 (SOY COT DSP); FAX: 708/297-4166.
CONTACT: Ann M. Visek, Pres.
Broker, cash/product.

Soyatech, Inc. ★

318 Main Street, P.O. Box 84, Bar Harbor, ME, 04609 U.S.A.; PH: 207/288-4969; FAX: 207/288-5264.
CONTACT: Peter Golbitz, Pres./Publisher
Consultants; equipment, industrial processes, plant layout, product development; contract research (pilot scale); marketing consultant; news wires, commodity; publications/informational services.

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Soybean Digest ★

Affiliate of The American Soybean Association
540 Maryville Centre Drive, P.O. Box
41309, St. Louis, MO, 63141-1309 U.S.A.;
PH: 314/576-2788; FAX: 314/576-2786.
CONTACT: Gregg Hillyer, Editor
Publications/Informational services.

Soyfoods Center ★

P.O. Box 234, Lafayette, CA, 94549-0234
U.S.A.; PH: 415/283-2991; FAX: 415/283-9091.
CONTACT: William Shurtliff, Pres.
**Consultants, equipment, industrial
processes, plant layout, product develop-
ment, starting soyfoods companies.
Marketing consultant; publications/
Informational services.**

Soypro International, Inc. ★

314 Main Street, Cedar Falls, IA, 50613
U.S.A.; PH: 319/277-4700; TLX: (WU) 465653
(SOYPRO); FAX: 319/266-8544.
CONTACT: Robbins W. Fischer, Pres.
**Consultants, industrial processes,
plant layout, product development;
engineering services.**

Specialty Fabrication, Inc. ★

1517 N. Santa Fe, Wichita, KS, 67214
U.S.A.; PH: 316/264-0603.
CONTACT: Daniel J. Phillippi, Pres.
**Aspirators; dust control systems
& supplies; soybean storage equipment
& supplies, elevator & silo storage.**

Specialty Grain Company ★

P.O. Box 2458, Dearborn, MI, 48123
U.S.A.; PH: 313/535-9222; FAX: 313/535-9712.
CONTACT: David Singsank, Dir. of
Prod. Devel.

**Trading company; transportation, ocean
freight line, trucking firm; suppliers of
soybeans for food use; EXPORTER: OCIA
organic Clear Hlum soybeans; OCIA
organic Corsoy soybeans; OCIA organic
partial fat (6%) soy meal; soy flakes; OCIA
organic unrefined soy oil (degummed & not
degummed); Protein Wake Up breakfast
cereal with soy; roasted soybeans.**

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Specialty Grains, Inc.

3001 Gill Street, Bloomington, IL, 61704
U.S.A.; PH: 309/662-8721; TLX: (WU) 317300
(SGI BLOOM IL); FAX: 309/662-0278.
CONTACT: J. Curtis Haynes, Pres.
Supplier of soybeans for food use;

**EXPORTER: Variety soybeans for
human consumption.**

H. C. Spinks Clay Company, Inc. ★

Highway 79, South, P.O. Box 820, Paris,
TN, 38242 U.S.A.; PH: 901/642-5414;
TWX: 810-592-7104 (SPINKS PRIS);
FAX: 901/642-5493.
CONTACT: Harry S. Carothers, Jr., Sales Mgr.
Anti-caking agents.

Sprout-Bauer, Inc. ★

Affiliate of Asia Brown Boveri
Sherman Street, Muncy, PA, 17756
U.S.A.; 717/546-8211; FAX: 717/546-1140.
Other Offices: AUSTRIA; Orleans, FRANCE;
Sydney, AUSTRALIA
CONTACT: Gary Staggs, Vice Pres., Units
**Aspirators; conveyors (drag or en masse);
cookers/extruders/roasters; drying &
aeration equipment, conditioners & coolers;
flaking & cracking equipment; meal
handling equipment, mixing equipment
(dry), pelleting equipment, pulverizing
equipment; milling equipment supplies,
spare parts & repair; presses, continuous
screw; screeners/screening equipment;
bleaching & filtering equipment;
consultants, equipment, plant layout;
engineering services.**

A. E. Staley Manufacturing Company, Gunther Division

2200 Eldorado Street, P.O. Box 151, Decatur,
IL, 62525-1801 U.S.A.; PH: 217/423-4411;
TLX: (Decatur) 6871552 or 25-0113 (STLW
UW AE STALEY CO DTR); TWX: (Decatur)
910-243-0459.
CONTACT: J. A. Empen, Gen. Mgr.
EXPORTER: Isolates; modified proteins.

Star Systems, Filtration Division

Affiliate of The Hilliard Corporation
101 Kershaw Street, P.O. Box 518, Tim-
mons ville, SC, 29161 U.S.A.; PH: 803/346-
3101; TLX: 932400; FAX: 803/346-3736.
CONTACT: Scott Thomas, Sales Mgr.
Filter presses.

Steelcraft Corporation ★

2700 Jackson Avenue, P.O. Box 12748,
Memphis, TN, 38182-0748 U.S.A.; PH:
901/452-5200; FAX: 901/452-3714.
CONTACT: Will A. Hord, Pres.
Dust control systems & supplies.

Jacob Stern & Sons, Inc. ★

1464 East Valley Road, P.O. Box 50740, Santa

Barbara, CA, 93150 U.S.A.; PH: 805/565-1411; TLX: 658312 (J STERN SNC); FAX: 805/565-1415.

Other Offices: Houston, TX; Seattle, WA; Clovis, CA (Snow Commodities Co.)

CONTACT: Philip L. Bernstein, Pres.
Trading company.

Stine Seed Farm, Inc. ★

R.R. 3, Box 204, Adel, IA, 50003 U.S.A.; PH: 515/677-2605; FAX: 515/677-2716.

CONTACT: Harry H. Stine, Pres.
Soybean breeder; soybean seed supplier.

Stone Forwarding Company, Inc. ★

5177 Riva Road Avenue, Suite 1020, P.O. Box 1954, Houston, TX, 77251 U.S.A.; PH: 713/552-1325; TLX: (WU) 762809 (STONEFWD); FAX: 713/552-1351.

Other Offices: Galveston, TX; Corpus Christi, TX; Mobile, AL

CONTACT: R. Frank Mendel, Pres.
Forwarding agent.

Stormor, Inc.

1255 Front Street, P. O. Box 198, Fremont, NE, 68025 U.S.A.; PH: 402/721-2432; FAX: 402/727-9662.

CONTACT: Franklin T. Roycraft, Gen. Mgr.
Soybean storage equipment & supplies, buildings, elevator & silo storage, grain bins and drying equipment.

Stout Industrial ★

11202 Sylvania Avenue, Berkey, OH, 43504 U.S.A.; PH: 419/829-2538; FAX: 419/643-4762.

CONTACT: Herman Langenderser, Pres.
Loading & unloading equipment, barge, railroad, ship, truck; scales; soybean storage equipment & supplies, building (flat storage), elevator & silo storage; construction contractors, complete plants.

Strayer Seed Farms ★

162 West Hwy. 58, Hudson, IA, 50643 U.S.A.; PH: 319/988-4187; FAX: 319/988-3922.

CONTACT: Dennis Strayer, Gen. Mgr.
Marketing consultant; soybean breeder; soybean seed supplier; supplier of soybeans for food use; EXPORTER: Specialty soybeans for food use (including high protein, special protein quality, high oil, small seed, large seed).

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Sturtevant Inc. ★

103 Clayton Street, Boston, MA, 02122

U.S.A.; PH: 617/825-6500; TLX: 94-0677; FAX 617/282-0776.

CONTACT: Frank Sereno, Sales Mgr.
Air classifiers; aspirators.

Sumitomo Corporation of America ★

345 Park Avenue, New York, NY, 10154 U.S.A.; PH: 212/207-0692; TLX: (WUD) 12311 (SUMITOMONYK A); FAX: 212/207-0848.

CONTACT: Nobunari Kumagai, Prod. Mgr., Oilseeds
Trading company.

Superior Welding Company

900 E. Division Street, P.O. Box 949, Decatur, IL, 62525-0949 U.S.A.; PH: 217/422-4333; TLX: 250-135 (SUPWELD DTR).

CONTACT: Robert K. Osborne, Pres.
Drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; solvent extraction equipment; condensers; flake desolventizers, normal DT; solvent extraction distillation equipment; crude oil storage (tanks); heat exchangers.

Sweco, Inc.

8029 U.S. Highway 25, P.O. Box 1509, Florence, KY, 41022-1509 U.S.A.; PH: 606/371-4360; TLX: 882063 (SWECO FLOR); FAX: 606/727-5122.

Other Offices: Toronto, Ontario, CANADA; Nivelles, BELGIUM; SINGAPORE.

CONTACT: Brad Jones, Sr. Prod. Mgr.
Screeners/screening equipment.

Sweet Manufacturing Company

2000 E. Leffel Lane, P.O. Box 1086, Springfield, OH, 45501 U.S.A.; PH: 513/325-1511; TLX: 205-428 (SWEET SPI); FAX: 513/322-1963.

CONTACT: Darrell Daniels, Vice Pres., Sales
Soybean storage equipment & supplies, elevator & silo storage.

Tanaco Products ★

3860 Loomis Trail Road, Blaine, WA, 98230 U.S.A.; PH: 206/332-6010.

Other Offices: Vancouver, B.C., CANADA (sales office)

CONTACT: Annelie Hoyer, Pres.
Margarine equipment (valves); shortening equipment (valves); used equipment (valve rebuilding).

Taus Trading Company ★

327 S. LaSalle Street, Suite 1000, Chicago, IL, 60604 U.S.A.; PH: 312/408-5600; FAX: 312/408-0903.

Other Offices: Atlanta, GA
CONTACT: Christian A. Taus, Pres.
Broker, cash/product, futures; financial, commodity hedger; marketing consultant; trading company; publications/ informational services.

James C. Taylor Company Inc. ★
415 Cambridge Avenue #10, Palo Alto, CA, 94306 U.S.A.; PH: 415/321-6660.
CONTACT: Merrilee Taylor, Pres.
Broker, cash/product.

Taylor-Stiles Division, J. H. Day Company ★
Affiliate of Littleford Group Inc.
4932 Beech Street, Cincinnati, OH, 45212 U.S.A.; PH: 513/841-3600; TLX: 214392 (DAYMIXING NRWD); FAX: 513/841-9206.
Other Offices: Des Plaines, IL; Mahwah, NJ; Vermilion, OH; Atlanta, GA; Houston, TX (Hainge & Associates); San Juan, PR (INSECO Co.); St. Catharines, Ontario, CANADA (Firing Industries); Chapultepec Morales, Mexico D.F., MEXICO (Littleford Group Inc.)
CONTACT: Jai K. L. Bajaj, Bus. Mgr.
Meal handling equipment, pulverizing equipment.

Tecator, Inc.
2875C Towerview Rd., Herndon, VA, 22070 U.S.A.; PH: 703/435-3300; TLX: 903-034 (TEC HNDN); FAX: 703/435-3363.
Other Offices: Des Plaines, IL
CONTACT: Dieter Curlis, Pres.
Instruments/instrument systems, grain analyzers, moisture testers, oil/protein/fiber; solvent extraction equipment.

Texaco Chemical Company
3040 Post Oak Boulevard, Houston, TX, 77227-7707 U.S.A.; PH: 713/961-3711; TLX: 227031 (TEX UR); FAX: 713/235-6299.
CONTACT: Amos E. Fuhrmann, Prod. Mgr., Solvents
Solvents.

Thionville Laboratories, Inc.
5440 Pepsi Street, New Orleans, LA, 70123 U.S.A.; PH: 504/733-9603; TLX: 460114 (THION UI); FAX: 504/733-6457.
CONTACT: Paul Thionville, Pres.

Forwarding agent, samplers, weighers, inspectors, chemists.

Tiger on Spreads
P.O. Box 1414, McLean, VA, 22101 U.S.A.; PH: 202/463-8608 or 703/522-0154.
CONTACT: Phillip E. Tiger, Pres.
Broker, futures; financial, commodity hedger, economic forecaster; publications/ informational services.

Timmins Group, Inc. ★
105 Beacon Street, Greenfield, MA, 01301 U.S.A.; PH: 413/772-0035; FAX: 413/774-3056.
CONTACT: Thomas Timmins, Pres.
Marketing consultant; trading company. EXPORTER: Simulated meat products (analogs).

The Tintometer Company (Lovibond) ★
Affiliate of The Tintometer Limited
309A McLaws Circle, Williamsburg, VA, 23185 U.S.A.; PH: 804/220-2900; TWX: 710-882-2260 (LOVIBOND WMBG); FAX: 804/229-0472.
Other Offices: Salisbury, Wiltshire, ENGLAND (Tintometer Ltd.); Dortmund, FEDERAL REPUBLIC OF GERMANY (Tintometer GmbH)
CONTACT: Edwin M. Extract, Pres.
Analytical laboratory equipment.

Alfred C. Toepfer International, Inc. ★
Federal Plaza, 52 Duane Street, 4th Floor, New York, NY, 10007 U.S.A.; PH: 212/766-8100; TLX: (RCA) 232297; FAX: 212/766-8571.
CONTACT: Klaus Neitzel, Sr. Vice Pres.
Trading company; EXPORTER: Soybeans, soybean meal, soybean oil.

Toyomenka (America), Inc. ★
Affiliate of Toyo Menka Kaisha, Ltd.
1000 Corporate Grove Drive, Buffalo Grove, IL, 60089-4507 U.S.A.; PH: 708/520-8409; TLX: 4977069; FAX: 708/520-1821.
CONTACT: Tamio Miake, Dpty. Mgr.
Trading company; supplier of soybeans for food use; EXPORTER: Ordinary soybeans for crushing purposes; variety soybeans for food use.

**Discounts Available On Orders Of Five Or More Soya Bluebooks
Contact SOYATECH for more information or use order form on page 360.**

Tramco, Inc. ★

1020 E. 19th Street, Wichita, KS, 67214
U.S.A.; PH: 316/264-4604; FAX: 316/264-7965.
CONTACT: Leroy Rutz, Sales, Mgr.
Conveyors (drag or en masse).

Transac, Inc.

7951 U.S. Highway 41, So., P. O. Box 10196,
Macon, GA, 31297 U.S.A.; PH: 912/784-9040;
FAX: 912/788-3920.
CONTACT: William R. Hodgins, Sales Mgr.
Bags, bagging equipment.

Trebor Industries Inc. ★

7845 Airpark Road, P.O. Box 2159, Gaithers-
burg, MD, 20879 U.S.A.; PH: 800/624-9899
or 301/948-7650; TWX: 710-828-9701
(TREBOR USA); FAX: 301/670-1103.
CONTACT: Steve Kornspan, Corp. Sales Mgr.
Instruments/instrument systems, grain
analyzers, moisture testers, oil/protein/fiber
analyzers; analytical laboratory equipment.

Tri-City Regional Port District

2801 Rock Road, Granite City, IL, 62040
U.S.A.; PH: 618/877-8444.
CONTACT: Robert Wydra, Gen. Mgr.
Warehousing: export/import, U.S.
interior port.

Triple/S Dynamics, Inc. ★

1031 S. Haskell Avenue, Dallas, TX, 75223
U.S.A.; PH: 214/828-8600; TLX: (WUI) 730023
(TRIPLE S DAL); FAX: 214/828-8688.
CONTACT: William C. Dreher, Vice Pres., Adv.
Air classifiers, aspirators; dehulling
equipment; screeners/screening equipment.

U.S. Petrolon Industrial, Inc.

1932 Devoe Drive, Lincoln, NE, 68506
U.S.A.; PH: 402/488-8444.
CONTACT: Rick Duval, Pres.
Consultants, equipment;
engineering services.

UDY Corporation ★

201 Rome Court, Fort Collins, CO, 80524
U.S.A.; PH: 303/482-2060; FAX: 303/482-2067.
CONTACT: Doyle C. Udy, Pres.
Instruments/instrument systems, grain
analyzers, oil/protein/fiber analyzers.

H. J. Underwood Co., Inc. ★

701 North East Blvd., P.O. Box 436, Clinton,

NC, 28328 U.S.A.; PH: 919/592-3167.

CONTACT: Richard Underwood, Pres.
Soybean breeder; soybean seed supplier;
supplier of soybeans for food use.

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Unichema Chemicals Inc. ★

Affiliate of Unichema International
4650 S. Racine Avenue, Chicago, IL, 60609
U.S.A.; PH: 312/376-9000; FAX: 312/376-0095.
Other Offices: Emmerich, FEDERAL REPUB-
LIC OF GERMANY (Unichema Chemie GmbH)
CONTACT: Greg Waranica, Mktng. Mgr.
Hydrogenation catalysts.

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Union Pacific Railroad ★

1416 Dodge Street, Marketing Department,
Room 520, Omaha, NE, 68179 U.S.A.;
PH: 402/271-4506; FAX: 402/271-3173.
CONTACT: T. M. Caron, Group Mktng. Mgr.,
Food Grains
Transportation, railroad company.

United Catalysts Inc. ★

Affiliate of Süd-Chemie AG, FEDERAL
REPUBLIC OF GERMANY
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PH: 219/464-4811; TLX: 258-337;

New For '90 — Soya Technical Charts
Pages 339 - 341

FAX: 219/462-3879.

CONTACT: Charles J. Scott, Mktg. Analyst
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The Valley Line Company

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FAX: 314/889-0172.

Other Offices: Evansville, IN; Cincinnati, OH; Memphis, TN

CONTACT: Edward M. Hensley, Dir. of Sales
Transportation, barge line.

Vegetarian Times Magazine

1140 Lake Street, P.O. Box 570, Oak Park, IL, 60303 U.S.A.; PH: 708/848-8100.
FAX: 708/848-8175.

CONTACT: Paul Obis, Pres.
Publications/informational services.

Vitasoy (USA) Inc.

99 Park Lane, Brisbane, CA, 94005 U.S.A.;
PH: 415/467-8888; TLX: 171784 (VICIX);
FAX: 415/467-8910.

CONTACT: Yvonne Lo, Pres.
Trading company; IMPORTER: VITASOY natural soy drinks.

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Louisville, KY, 40232 U.S.A.; PH:
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FAX: 502/499-3212.

CONTACT: Ray Klusman, Mgr., Process Plant Sales

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FAX: 614/431-5133.

Other Offices: Worthington, OH (Investment Planning Inc.)

CONTACT: John Lim, Pres.

Trading company; EXPORTER: Soybean products by Worthington Foods Inc. and La Loma Foods Inc.

Walker Stainless Equipment Company, Inc.

618 State Street, New Lisbon, WI, 53950-1015 U.S.A.; PH: 608/562-3151; TLX: 910-280-2341.

CONTACT: Donald Rutherford, Exec. Vice Pres.

Crude oil storage (tanks); heat exchangers.

Waters Chromatography Division, Millipore Corporation ★

34 Maple Street, Milford, MA, 01757 U.S.A.;
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FAX: 508/872-1990.

CONTACT: William Shippey, Pres.
Instruments/instrument systems, automatic samplers, grain analyzers, oil/protein/fiber analyzers.

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612A Mills Road, P.O. Box 896, Joliet, IL, 60434 U.S.A.; PH: 815/726-4626;
FAX: 815/726-7638.

CONTACT: Steve N. Almberg, Gen. Mgr.
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Welgh-Tronix, Inc. ★

1000 Armstrong Drive, P.O. Box 1000, Fairmont, MN, 56031 U.S.A.; PH:
507/238-4461; TLX: 756594;
FAX: 507/238-4195.

Other Offices: Santa Rosa, CA (sales & mfg.); Aurora, Ontario, CANADA (sales & mfg.)
CONTACT: Randy Newlin, Vice Pres., Sales
Scales; weighing services & surveys.

Wellens & Company, Inc. ★

6600 France Avenue So., Minneapolis, MN, 55435 U.S.A.; PH: 612/925-4600.

CONTACT: LeRoy Wellens, Pres.
Trading company; IMPORTER: Acidulated soapstock; edible soy oil products; other soybean oil by-products.

Wenger Manufacturing, Inc. ★

714 Main Street, P.O. Box 130, Sabetha, KS, 66534-0130 U.S.A.; PH: 913/284-2133;
FAX: 913/284-3771.

Other Offices: Kansas City, MO (Wenger Intl., Inc.—office); Antwerpen, BELGIUM (Wenger Europe—office); Taichung City, TAIWAN (Wenger Asia—office)
CONTACT: Don Wenger, Vice Pres.
Cookers/extruders/roasters; meal handling equipment, mixing equipment (dry).

West Weigh Scale Co. ★

3990 Hicock Street, San Diego, CA, 92110
 U.S.A.; PH: 619/291-8231; FAX: 619/291-8231.
CONTACT: Vincent Muccillo, Pres.
Scales.

Westbrae Natural Foods

Affiliate of Vestro
 5701 S. Eastern Avenue, Suite 330, P.O. Box 91-1181, Commerce, CA, 90091 U.S.A.; PH: 213/722-1692; FAX: 213/722-9817.
CONTACT: George Bobango, Vice Pres., Oper.
IMPORTER: Soymlk.

Western-Commercial Transport, Inc.

2929 W. 5th Street, P.O. Box 270, Fort Worth, TX, 76101 U.S.A.; PH: 817/335-4821; FAX: 817/877-4117.
Other Offices: Oklahoma City, OK; Houston, TX; Jacksonville, FL
CONTACT: Dan Finholt, Vice Pres.
Transportation, trucking firm (haul crude & refined liquid soy oil).

Westinghouse Electric Corporation ★

Westinghouse Bldg., Gateway Center, Pittsburgh, PA, 15222 U.S.A.; PH: 800/553-1500.
CONTACT: Westinghouse Electric Corp. Product Info. Center
Instruments/instrument systems, control, flow measurement, material level, temperature monitors; soybean storage equipment & supplies, elevator & silo storage; computer process control, hardware, software, programming.

Wilbur-Ellis Company ★

1200 Westlake Avenue, No., Suite 1000, Seattle, WA, 98109 U.S.A.; PH: 206/284-1300;

TLX: 277175 (WECO UR); FAX: 206/281-8604.
Other Offices: Portland, OR
CONTACT: R. W. Shepherd, Mgr.
Trading company; warehousing; export/import, U. S. interior.

H. R. Williams Mill Supply Company ★

208 W. 19th Street, Kansas City, MO, 64108 U.S.A.; PH: 816/471-1511; TLX: (WU/Easylink) 42222 (WMS KSC); FAX: 816/471-1889.
CONTACT: John D. Holden, Vice Pres.
Dust control systems & supplies; milling equipment supplies, spare parts & repair; screeners/screening equipment.

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Witt Corrugating, Inc. ★

935 So. West Street, Wichita, KS, 67213 U.S.A.; PH: 316/942-8456; FAX: 316/942-4745.
Other Offices: Kansas City, MO
CONTACT: Sid Sadowske, Pres.
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D. W. Witter, Inc. ★

Rt. 88, P.O. Box 132, Camp Grove, IL, 61624 U.S.A.; PH: 309/493-5611.
CONTACT: Dennis Witter, Pres.
Soybean storage equipment & supplies, elevator & silo storage.

Joel Wollner & Associates ★

19 Pepper Hollow Drive, P.O. Box 1343, Clifton Park, NY, 12065 U.S.A.; PH: 518/383-6580; FAX: 518/383-6855.
CONTACT: Joel Wollner, Pres.
Consultants, product development; contract research (pilot scale); inspection services; Marketing consultant.

Woodson-Tenent Laboratories, Inc. ★

345 Adams Avenue, P.O. Box 2135, Memphis, TN, 38103 U.S.A.; PH: 901/525-6333; TLX: 910/380-1068 (WTLBMFS); FAX: 901/272-2926.
Other Offices: Des Moines, IA; Dayton, OH; North Little Rock, AR; Gainesville, GA; Goldston, NC
CONTACT: John Saatkamp, Vice Pres., Sales/ Mktg.
Analytical laboratories.

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Wurster & Sanger, Inc.

Div. of Crown Iron Works Co.
1600 Broadway Street, N.E., P.O. Box
1364, Minneapolis, MN, 55440 U.S.A.;
PH: 612/331-6400; TLX: 290204 (CROWN
IRON MPS); FAX: 612/331-2469.
CONTACT: Barry V. Smith, Vice Pres., Mktg.
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ming equipment; deodorization equipment;
fat splitters; fatty acid distillation equip-
ment; hydrogenation equipment; refining/
neutralization equipment, conventional
caustic, physical; soapstock equipment;
winterization equipment; margarine
equipment; shortening equipment.**

Yancey Ag Networks

1004 N. Jackson Street, P.O. Box
2000, Starkville, MS, 39759 U.S.A.;
PH: 601/324-0949.
CONTACT: Jim Yancey, Pres.
News wires, commodity.

Younglove - Planners, Engineers, Constructors ★

Affiliate of W. A. Klinger, Inc.
2015 E. Seventh Street, P.O. Box 8800, Sioux
City, IA, 51102 U.S.A.; PH: 712/277-3906;
FAX: 712/258-5528.
CONTACT: Michael A. Gunsch, P.E., Exec.
Vice Pres.
**Construction contractors, complete
plants; consultants, plant layout;
engineering services.**

Zimmerman Equipment Company ★

A Division of FFI, Inc
5900 Elmwood Avenue, P.O. Box 346,
Indianapolis, IN, 46203 U.S.A.; PH:
317/787-6341; FAX: 317/787-6340.
CONTACT: Wes Peterson, Dir. of Comm.
Grain Sales
Drying & aeration equipment, grain dryers.

See Our Display Ad On Page 199

VENEZUELA

Cargill de Venezuela C.A. ★

Avenida Romulo Gallegos, Torre KLM
Piso 3, Los Palos Grandes, Caracas
1060, VENEZUELA; PH: 58/2/284-0166;
FAX: 58/2/284-8266.
CONTACT: Angel L. Cure, Int'l. Mgr.
Broker, cash/product; trading company.

Grupo Interamericano C.A. ★

Av. Los Jabillos, Centro Bancor Piso & Sabana
Grande, P.O. Box 1846, Caracas 1010,
VENEZUELA; PH: 02/716813; TLX: 24578.
CONTACT: Marilu Ravelo, Comm. Mgr.
**Trading company; supplier of soybeans for
food use; IMPORTER: Soybean meal, soy
protein isolates, soy bean oil.**

Davy McKee Ingenieria, C.A.

Calle Veracruz Con Cali, Torre Aba, Planta
Baja, Las Mercedes, Caracas, VENEZUELA;
PH: 2/926624; TLX: 27377.
**Solvent extraction equipment; condensers;
flake desolventizers, flash/vapor, normal;
solvent extraction distillation equipment;
construction contractors, complete plants,
protein plants; consultants, equipment,
industrial processes, plant layout, product
development; engineering services;
inspection services.**

YUGOSLAVIA

CENTROPROM, Export-Import ★

Nusiceva br. 15, P.O. Box 454, Beograd
11001, YUGOSLAVIA; PH: 38/11/343311;
TLX: 11117 or 11160 (CTPR YU).
CONTACT: Ljiljana Petrovic, Chief of Dept.
**IMPORTER: Soybean meal 44/7; soybeans
U.S. yellow 2.**

“ See Soya Statistics ”

For Data On World Soybean Production, Processing, Products and Exports & Imports

**GRANEXPORT, Enterprise for the
Industry of Foodstuffs & Feeds**

Trade & Services, Terazije 27, P.O. Box
902, 11000 Beograd, YUGOSLAVIA; PH:
011/333635; TLX: 11278 (GRANEX YU).

CONTACT: Milenko Petrovic

Trading company; IMPORTER: Soybean
meal, soy oil.

Tvornica za preradu soje ★

Gazenica, PP 215, Zadar 57000,
YUGOSLAVIA; PH: 01138/57-436024
or 24993 or 23400; TLX: 27149 (TPS).
EXPORTER: Lecithin (Industrial).

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Statistical Conversions

SOYA CONVERSIONS

1 bushel of soybeans	=	60	pounds
	=	10.7	pounds of crude soy oil
	=	47.5	pounds of soybean meal
	=	39	pounds of soy flour
	=	20	pounds of concentrate
	=	11.8	pounds of isolated soy protein
1 metric ton of soybeans	=	36.74	bushels
1 short ton of soybeans	=	33.33	bushels
1 short ton of soybeans	=	.907	metric tons
1 long ton of soybeans	=	37.33	bushels
1 metric ton of soybean meal	=	46.39	bushels of soybeans
1 short ton of soybean meal	=	42.08	bushels of soybeans
1 long ton of soybean meal	=	47.13	bushels of soybeans
1 metric ton of soybean oil	=	206	bushels of soybeans

79.2% of a bushel of soybeans is manufactured into soybean meal.

17.8% of a bushel of soybeans is manufactured into soybean oil.

3.0% of a bushel of soybeans is manufacturing loss.

METRIC CONVERSIONS

Area

1 acre = 0.405 hectares

1 hectare = 2.27 acres

Mass & Weight

1 pound	=	453.59 grams	1 gram	=	0.035 ounce
1 pound	=	0.454 kilogram	1 kilogram	=	2.2 pounds
1 hundredweight,			1 metric ton	=	1,000 kilograms
short (100 lbs.)	=	45.359 kilograms	1 metric ton	=	2,205 pounds
1 hundredweight,			1 metric ton	=	1.1 short tons
long (112 lbs.)	=	50.802 kilograms	1 short ton	=	2,000 pounds
1 ton, short	=	0.907 metric tons	1 long ton	=	2,240 pounds
1 ton, long	=	1.016 metric tons			

Capacity

1 U.S. gallon	=	3.785 liters	1 liter	=	0.908 quarts, dry
1 Imperial gallon	=	4.545 liters	1 liter	=	1.057 quarts, liquid
1 bushel	=	35.24 liters			

TEMPERATURE CONVERSIONS

Celsius (Centigrade) = $\frac{^{\circ}\text{F} - 32}{1.8}$

Fahrenheit = $(1.8 \times ^{\circ}\text{C}) + 32$

U.S. SOYBEAN PLANTING AND HARVESTING DATES

State	Usual Planting Dates	Usual Harvesting Dates		
		Begin	Most Active	End
Alabama	May 5-July 15	Oct. 1	Oct. 15-Nov. 15	Dec. 15
Arkansas	May 5-July 5	Oct. 1	Oct. 15-Nov. 20	Dec. 1
Delaware	May 15-July 10	Oct. 5	Oct. 20-Nov. 15	Dec. 1
Florida	May 1-July 15	Sept. 15	Oct. 1-Nov. 10	Dec. 15
Georgia	May 1-July 15	Oct. 10	Oct. 20-Dec. 1	Dec. 10
Illinois	May 5-June 20	Sept. 20	Sept. 25-Oct. 25	Nov. 5
Indiana	May 10-June 20	Sept. 30	Oct. 10-Oct. 30	Nov. 5
Iowa	May 10-June 25	Sept. 25	Oct. 1-Oct. 20	Nov. 5
Kansas	May 10-July 15	Sept. 20	Oct. 10-Nov. 5	Nov. 20
Kentucky	May 5-July 15	Sept. 20	Oct. 1-Nov. 15	Dec. 1
Louisiana	May 5-June 30	Sept. 20	Oct. 1-Nov. 15	Nov. 30
Maryland	May 10-July 5	Oct. 10	Oct. 20-Nov. 15	Dec. 1
Michigan	May 10-June 20	Oct. 5	Oct. 15-Nov. 15	Nov. 20
Minnesota	May 5-June 10	Sept. 25	Oct. 1-Nov. 1	Nov. 10
Mississippi	May 5-July 5	Sept. 20	Oct. 15-Nov. 20	Dec. 15
Missouri	May 1-July 10	Sept. 15	Oct. 5-Nov. 5	Dec. 15
Nebraska	May 10-June 15	Sept. 25	Sept. 30-Oct. 20	Nov. 10
New Jersey	May 25-July 10	Oct. 1	Oct. 25-Nov. 1	Nov. 20
New York	May 25-June 25	Oct. 1	Oct. 10-Oct. 20	Oct. 30
North Carolina	May 5-July 5	Oct. 15	Nov. 1-Dec. 1	Jan. 1
North Dakota	May 10-June 10	Sept. 20	Sept. 30-Oct. 25	Nov. 5
Ohio	May 5-July 5	Sept. 20	Oct. 5-Nov. 1	Nov. 20
Oklahoma	May 10-July 10	Oct. 5	Oct. 25-Nov. 10	Dec. 1
Pennsylvania	May 5-July 10	Oct. 5	Oct. 15-Nov. 10	Nov. 30
South Carolina	May 1-July 10	Oct. 15	Oct. 25-Dec. 1	Dec. 15
South Dakota	May 10-June 15	Sept. 25	Oct. 1-Oct. 25	Nov. 5
Tennessee	May 5-July 10	Oct. 10	Oct. 15-Nov. 15	Dec. 10
Texas	May 10-July 15	Oct. 5	Oct. 30-Nov. 10	Dec. 10
Virginia	May 5-July 15	Oct. 5	Oct. 30-Nov. 25	Dec. 20
Wisconsin	May 15-June 20	Oct. 5	Oct. 20-Nov. 1	Nov. 20

Source: U.S. Department of Agriculture.

**U.S. SOYBEAN ACREAGE, YIELD AND PRODUCTION
1925 - 1989**

Year	Acres Planted (Thousand Acres)	Acres Harvested (Thousand Acres)	Average Yield Per Acre Harvested (Bushels)	Total Production (Th. Bu.)
1925	1,539	415	11.7	4,875
1930	3,072	1,074	13.0	13,929
1935	6,966	2,915	16.8	48,901
1940	10,487	4,807	16.2	78,045
1945	13,056	10,470	18.0	193,167
1950	15,048	13,807	21.7	299,249
1955	19,674	18,620	20.1	373,682
1960	24,440	23,655	23.5	555,085
1965	35,227	34,449	24.5	845,608
1970	43,082	42,249	26.7	1,127,100
1971	43,476	42,705	27.5	1,175,989
1972	46,886	45,683	27.8	1,270,630
1973	56,549	55,667	27.7	1,547,165
1974	52,479	51,341	23.2	1,214,802
1975	54,550	53,579	28.9	1,547,383
1976	50,226	49,358	26.1	1,287,560
1977	58,760	57,612	30.6	1,761,755
1978	64,708	63,663	29.4	1,868,754
1979	71,411	70,343	32.1	2,260,665
1980	69,930	67,813	26.5	1,797,543
1981	67,543	66,163	30.1	1,989,110
1982	70,884	69,442	31.5	2,190,297
1983	63,139	62,525	26.2	1,635,772
1984	67,735	66,093	28.2	1,860,783
1985	63,145	61,599	34.1	2,099,056
1986	60,405	58,312	33.3	1,942,558
1987	58,180	57,172	33.9	1,937,722
1988	58,840	57,373	27.0	1,548,841
1989	60,670	59,388	32.4	1,926,806

Source: ANNUAL CROP SUMMARY, U.S. Department of Agriculture,
Agricultural Statistics Board, NASS.

U.S. SOYBEAN PLANTED ACREAGE BY STATE Acres Planted (Thousand Acres)

	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989
Alabama	642	1,300	2,200	1,550	1,400	1,080	650	500	590	600
Arkansas	4,393	4,750	4,800	3,900	4,050	3,750	3,400	3,300	3,250	3,300
Delaware	165	228	265	255	260	245	245	240	230	255
Florida	188	291	475	327	340	260	150	95	120	130
Georgia	550	1,190	2,200	2,050	2,100	1,800	1,220	830	930	1,150
Illinois	6,848	8,350	9,400	9,100	9,200	9,100	9,050	8,800	8,800	8,900
Indiana	3,300	3,650	4,400	4,000	4,400	4,500	4,300	4,400	4,300	4,600
Iowa	5,709	7,000	8,300	8,000	8,500	8,200	8,500	7,950	8,050	8,300
Kansas	1,074	1,100	1,550	1,600	1,730	1,500	1,850	2,150	2,050	1,900
Kentucky	582	1,150	1,650	1,500	1,520	1,260	1,150	990	980	1,200
Louisiana	1,730	2,000	3,450	2,670	2,450	2,250	1,880	1,700	1,900	1,800
Maryland	216	335	400	390	435	410	400	420	465	570
Michigan	539	615	980	1,050	1,200	1,100	970	1,100	1,250	1,100
Minnesota	3,140	3,700	4,800	4,650	5,300	5,100	4,750	4,700	4,900	5,050
Mississippi	2,358	3,230	4,000	3,200	3,300	2,700	2,600	2,550	2,400	2,200
Missouri	3,546	4,450	5,700	5,300	5,500	5,300	5,450	4,900	4,300	4,400
Nebraska	824	1,220	1,830	2,100	2,600	2,400	2,500	2,400	2,400	2,600
New Jersey	52	104	200	135	135	130	120	100	105	115
New York-not est. after 1980	6	11	20	—	—	—	—	—	—	—
North Carolina	981	1,500	2,030	1,750	1,850	1,800	1,640	1,400	1,470	1,600
North Dakota	184	180	210	540	750	500	475	520	750	640
Ohio	2,434	3,120	3,800	3,300	3,800	3,900	3,650	4,000	3,900	4,000
Oklahoma	200	245	350	250	248	210	255	240	300	300
Pennsylvania	30	54	135	152	175	175	160	170	230	310
South Carolina	1,550	1,420	1,600	1,480	1,520	1,290	1,020	750	800	980
South Dakota	253	345	780	1,000	1,400	1,280	1,350	1,400	1,760	1,900
Tennessee	1,280	1,950	2,450	2,020	1,900	1,500	1,470	1,300	1,400	1,300
Texas	170	395	560	460	450	320	240	170	240	500
Virginia	372	451	620	650	750	720	610	550	570	550
Wisconsin	155	216	335	400	480	350	330	330	430	420

Source: ANNUAL CROP SUMMARY, U.S. Department of Agriculture, Agricultural Statistics Board, NASS.

U.S. SOYBEAN HARVESTED ACREAGE BY STATE
Acres Harvested for Beans (Thousand Acres)

	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989
Alabama	600	1,260	2,100	1,500	1,370	1,030	610	580	570	570
Arkansas	4,400	4,700	4,350	3,800	3,900	3,700	3,300	3,250	3,200	3,200
Delaware	156	225	260	250	250	240	240	235	225	250
Florida	184	281	460	312	325	230	140	93	115	120
Georgia	475	1,160	1,950	2,000	2,000	1,550	820	780	900	1,100
Illinois	6,800	8,320	9,350	9,050	9,020	9,000	9,000	8,700	8,700	8,850
Indiana	3,278	3,630	4,380	3,950	4,350	4,460	4,250	4,350	4,200	4,550
Iowa	5,680	6,970	8,270	7,960	8,400	8,150	8,450	7,900	8,100	8,280
Kansas	930	1,080	1,450	1,520	1,620	1,410	1,740	2,110	2,000	1,850
Kentucky	530	1,100	1,600	1,440	1,460	1,230	1,120	1,030	910	1,170
Louisiana	1,668	1,920	3,350	2,620	2,380	2,100	1,750	1,650	1,850	1,600
Maryland	213	330	390	385	425	400	390	410	455	550
Michigan	500	610	970	1,040	1,190	1,080	930	1,090	1,210	1,080
Minnesota	3,030	3,650	4,760	4,600	5,240	5,000	4,650	4,650	4,800	5,000
Mississippi	2,580	3,120	3,850	3,100	3,200	2,620	2,450	2,450	2,250	2,000
Missouri	3,465	4,370	5,530	5,150	5,300	5,230	5,250	4,830	4,230	4,350
Nebraska	812	1,200	1,770	2,070	2,550	2,360	2,450	2,350	2,360	2,560
New Jersey	54	102	194	133	133	129	117	104	103	113
New York-not est. after 1980	6	11	19	—	—	—	—	—	—	—
North Carolina	867	1,420	1,930	1,650	1,790	1,700	1,530	1,340	1,310	1,550
North Dakota	181	149	200	530	740	490	470	515	690	630
Ohio	2,500	3,100	3,760	3,280	3,770	3,870	3,620	3,900	3,700	3,980
Oklahoma	185	237	300	230	220	190	200	240	270	285
Pennsylvania	28	52	103	145	170	185	175	185	245	305
South Carolina	1,010	1,380	1,600	1,430	1,490	1,230	830	730	790	960
South Dakota	247	342	770	985	1,360	1,270	1,330	1,390	1,730	1,880
Tennessee	1,150	1,850	2,550	1,970	1,850	1,460	1,420	1,250	1,230	1,240
Texas	158	370	630	420	410	290	190	150	225	415
Virginia	339	433	610	610	730	695	570	490	515	540
Wisconsin	153	207	330	395	450	300	320	320	390	410

Source: ANNUAL CROP SUMMARY, U.S. Department of Agriculture, Agricultural Statistics Board, NASS.

U.S. SOYBEAN YIELD BY STATE
Average Yield per Acre Harvested for Beans (Bushels)

	1970	1975	1980	1983	1984	1985	1985	1987	1988	1989
Alabama	23.0	24.5	15.0	20.0	21.0	27.0	23.0	18.0	25.0	21.0
Arkansas	22.5	25.0	15.0	18.5	26.0	26.5	20.0	23.0	26.0	24.0
Delaware	21.0	25.0	20.0	29.0	24.0	30.0	24.0	18.0	27.0	29.0
Florida	28.0	24.0	22.0	25.0	24.0	26.0	23.0	25.0	29.0	22.0
Georgia	23.0	25.5	12.0	21.0	20.0	24.0	17.0	20.0	25.0	26.0
Illinois	31.0	36.0	33.5	29.5	32.0	42.5	40.0	38.0	27.0	40.0
Indiana	31.0	33.5	36.0	31.0	34.5	41.5	37.0	40.0	27.5	37.0
Iowa	32.5	34.0	38.5	35.0	31.5	38.0	41.5	43.5	31.0	39.0
Kansas	15.0	21.0	16.5	16.0	17.5	31.0	33.5	32.0	23.0	27.0
Kentucky	27.0	27.0	22.5	17.0	29.0	34.0	32.0	26.5	26.5	31.5
Louisiana	24.0	25.0	20.0	26.0	17.0	21.0	20.0	25.0	29.0	21.0
Maryland	24.0	28.0	24.0	26.0	29.0	32.0	27.0	22.5	31.0	30.0
Michigan	26.5	26.0	33.0	32.5	27.0	32.0	31.0	36.0	29.0	36.0
Minnesota	26.0	27.0	31.5	33.0	33.0	32.0	35.0	39.0	26.0	37.0
Mississippi	22.5	22.5	16.0	19.0	24.0	27.0	17.0	19.5	22.0	20.0
Missouri	25.5	26.0	24.5	20.0	20.5	34.5	32.5	32.0	26.0	28.5
Nebraska	22.0	27.0	30.0	28.5	25.5	36.0	38.0	35.5	30.0	32.0
New Jersey	25.0	26.0	18.0	23.0	31.0	34.0	29.0	31.0	27.0	32.0
New York-not est. after 1980	20.0	27.0	24.0	—	—	—	—	—	—	—
North Carolina	24.0	23.5	18.0	20.0	26.0	23.0	24.0	24.5	27.0	27.0
North Dakota	15.0	19.5	17.5	27.0	23.0	26.0	35.0	32.5	18.0	22.0
Ohio	28.5	33.0	36.0	32.0	36.5	41.5	40.5	37.0	27.0	32.0
Oklahoma	18.0	22.0	10.0	17.0	19.0	23.0	24.0	25.0	18.0	24.0
Pennsylvania	32.0	28.0	24.5	24.0	35.0	35.0	35.0	34.0	32.0	34.0
South Carolina	20.0	22.0	13.0	16.5	20.0	20.0	16.5	22.0	23.1	21.0
South Dakota	17.5	25.0	26.0	26.5	23.0	32.0	30.5	32.5	24.0	26.0
Tennessee	23.0	25.0	18.0	16.0	26.0	31.0	25.0	23.0	26.0	24.0
Texas	28.0	25.0	22.0	22.5	29.0	25.0	23.0	28.0	28.0	30.0
Virginia	20.0	25.0	15.0	16.0	29.5	25.0	24.0	22.0	28.0	32.0
Wisconsin	24.0	25.5	33.0	35.0	31.0	32.0	36.0	38.0	23.0	37.0

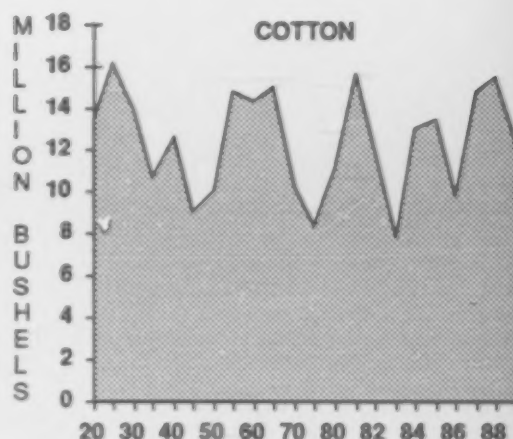
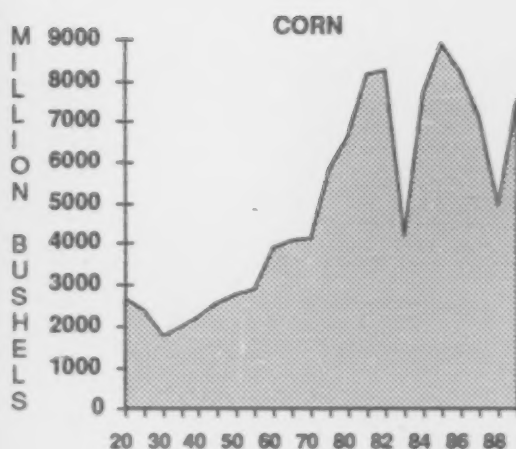
Source: ANNUAL CROP SUMMARY, U.S. Department of Agriculture, Agricultural Statistics Board, NASS.

U.S. SOYBEAN PRODUCTION BY STATE
Total Production of Beans (Thousand Bushels)

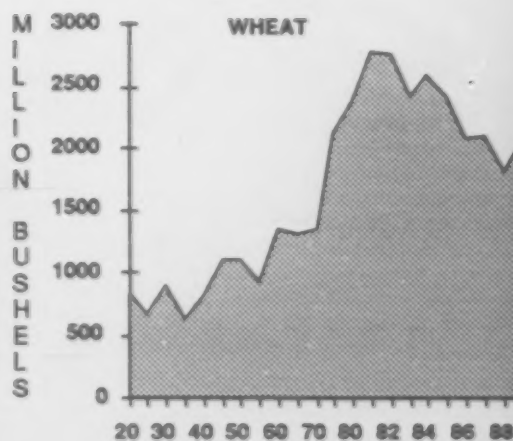
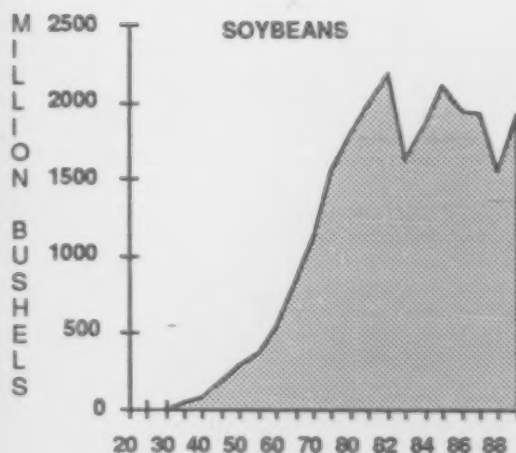
	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989
Alabama	13,800	30,870	31,500	30,000	28,770	27,810	14,030	10,440	14,250	11,970
Arkansas	99,000	117,500	65,250	70,300	101,400	98,050	66,000	74,750	83,200	76,800
Delaware	3,276	5,625	5,200	7,250	6,000	7,200	5,760	4,230	6,075	7,250
Florida	5,152	6,744	10,120	7,800	7,800	5,980	3,220	2,325	3,335	2,640
Georgia	10,925	29,580	23,400	42,000	40,000	37,200	15,580	16,380	22,500	28,600
Illinois	210,800	299,520	313,225	266,975	288,640	382,500	360,000	330,600	234,900	354,000
Indiana	101,618	121,605	157,680	122,450	150,075	185,090	157,250	174,000	115,500	168,350
Iowa	184,600	236,980	318,395	278,600	264,600	309,700	350,675	343,650	251,100	322,920
Kansas	13,950	22,680	23,925	24,320	28,350	43,710	58,290	67,520	46,000	49,950
Kentucky	14,310	29,700	36,000	24,480	42,340	41,820	35,840	27,295	24,115	36,855
Louisiana	40,512	48,000	67,000	68,120	64,260	44,100	35,000	41,250	56,550	33,600
Maryland	5,112	9,240	9,360	10,010	12,325	12,800	10,530	9,225	14,105	16,500
Michigan	13,250	15,860	32,010	33,800	32,130	34,560	28,830	39,240	35,090	38,880
Minnesota	78,780	98,550	149,940	151,800	172,920	160,000	162,750	181,350	124,800	185,000
Mississippi	58,050	70,200	61,600	58,900	76,800	70,740	41,650	47,775	49,500	40,000
Missouri	88,358	113,620	135,485	103,000	108,650	180,435	170,625	157,760	112,095	123,975
Nebraska	17,864	32,400	53,100	58,995	63,750	84,960	93,100	83,425	70,800	81,920
New Jersey	1,350	2,652	3,492	3,059	4,123	4,386	3,393	3,224	2,781	3,616
New York-not est. after 1980	120	297	456	—	—	—	—	—	—	—
North Carolina	20,808	33,370	34,740	33,000	46,540	39,100	36,720	32,830	35,370	41,850
North Dakota	2,715	2,906	3,500	14,310	17,020	12,740	16,450	16,738	12,420	13,860
Ohio	72,675	102,300	135,360	104,960	137,605	160,605	146,610	144,300	99,900	127,360
Oklahoma	3,330	5,214	3,000	3,910	4,180	4,370	4,800	6,000	4,860	6,840
Pennsylvania	898	1,456	3,185	3,480	5,950	6,475	6,125	6,290	7,840	10,370
South Carolina	20,200	30,360	20,800	23,595	29,800	24,600	13,695	16,060	18,565	20,160
South Dakota	4,323	8,550	20,020	26,103	31,280	40,640	40,565	45,175	41,520	48,880
Tennessee	26,450	46,250	45,900	31,520	48,100	45,260	35,500	28,750	31,980	29,760
Texas	4,424	9,250	13,860	9,450	11,890	7,250	4,370	4,200	6,300	12,450
Virginia	6,780	10,825	9,150	9,760	21,535	17,375	13,680	10,780	14,420	17,280
Wisconsin	3,672	5,279	10,890	13,825	13,950	9,600	11,520	12,160	8,970	15,170

Source: ANNUAL CROP SUMMARY, U.S. Department of Agriculture, Agricultural Statistics Board, NASS.

U.S. PRODUCTION OF MAJOR CROPS

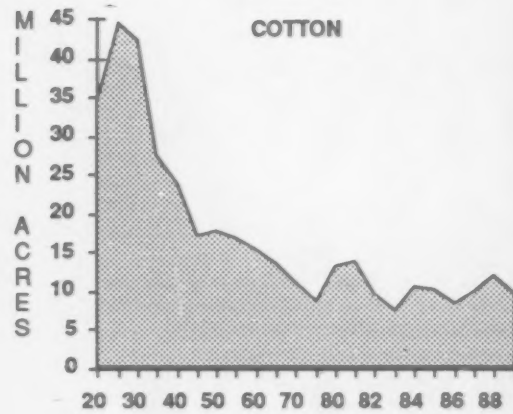
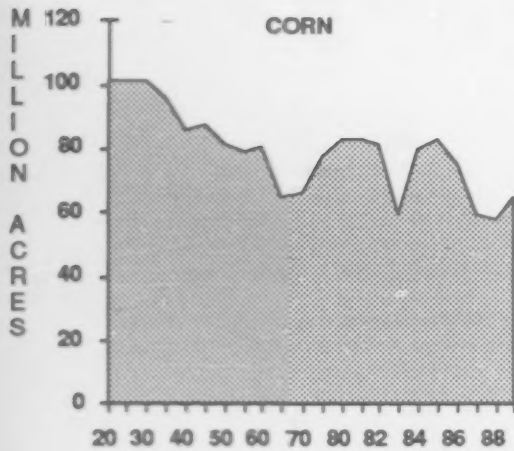


MARKETING YEAR

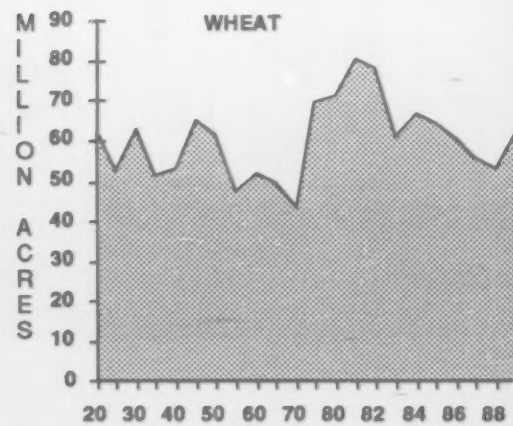
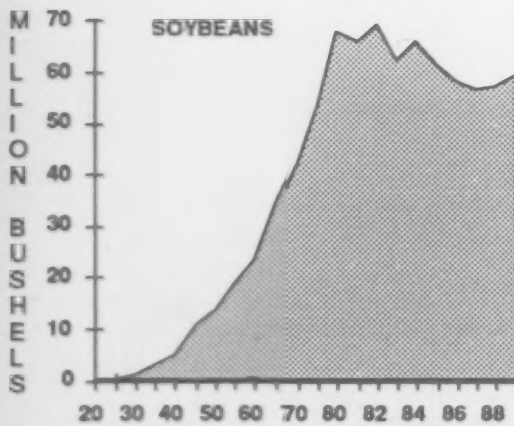


MARKETING YEAR

U.S. HARVESTED ACREAGE OF MAJOR CROPS

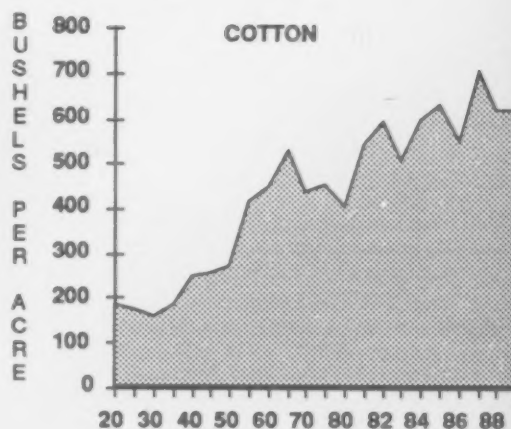
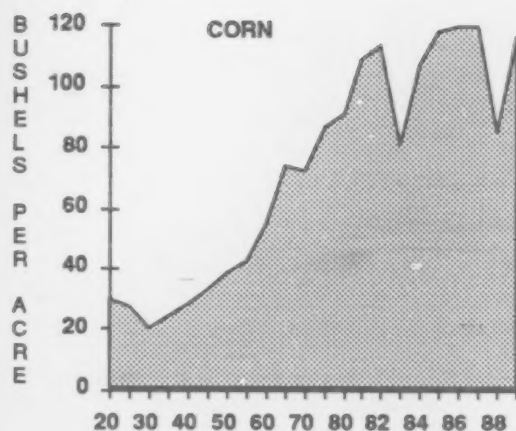


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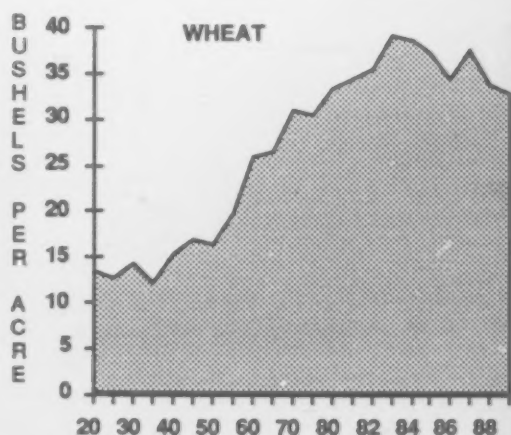
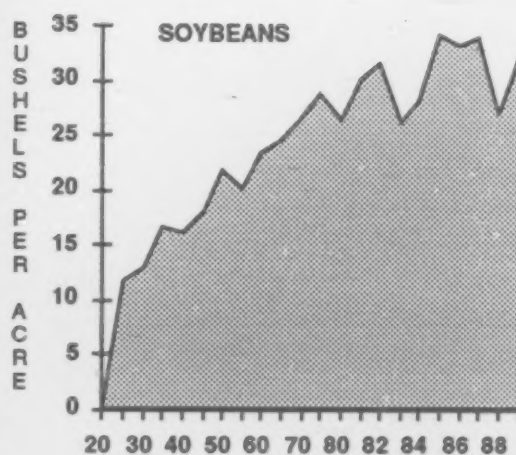


MARKETING YEAR

U.S. YIELD PER ACRE OF MAJOR CROPS



MARKETING YEAR



MARKETING YEAR

ARGENTINE SOYBEAN AREA, YIELD AND PRODUCTION BY PROVINCE 1974/75 - 1989/90*

		Area Harvested for Beans (Thousand Hectares)									
		1974/75	1979/80	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89†	1989/90‡
Santa Fe		208	967	855	1,080	1,275	1,300	1,385	1,731	1,645	1,992
Buenos Aires		29	454	648	705	795	845	825	1,002	955	1,215
Cordoba		46	332	619	850	950	926	1,080	1,107	1,050	1,300
Tucuman/Corrientes/Other		40	128	159	275	250	245	220	420	350	488
Total		323	1,881	2,281	2,910	3,270	3,316	3,510	4,260	4,000	4,995
		Average Yield per Hectare for Beans (Metric Tons)									
		1974/75	1979/80	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89†	1989/90‡
Santa Fe		1.373	1.788	1.801	2.497	2.118	2.269	1.986	2.450	1.580	2.200
Buenos Aires		1.254	1.978	1.590	2.369	2.031	2.367	2.133	2.310	1.940	2.250
Cordoba		1.339	1.520	2.149	2.487	2.158	2.052	1.944	2.250	1.400	2.040
Tucuman/Corrientes/Other		2.750	3.289	1.887	1.887	1.540	1.837	1.773	1.555	1.370	1.510
Total Average		1.362	1.781	1.841	2.405	2.064	2.201	1.994	2.277	1.600	2.000
		Total Production of Beans (Thousand Metric Tons)									
		1974/75	1979/80	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89†	1989/90‡
Santa Fe		285	1,769	1,540	2,697	2,700	2,950	2,750	4,241	2,599	4,382
Buenos Aires		37	908	1,030	1,670	1,615	2,000	1,760	2,315	1,853	2,734
Cordoba		64	463	1,330	2,114	2,050	1,900	2,100	2,491	1,469	2,653
Tucuman/Corrientes/Other		54	211	300	519	385	450	390	653	479	735
Total		440	3,351	4,200	7,000	6,750	7,300	7,000	9,700	6,400	10,504

*Local crop year. †Estimates. ‡Forecast. Source: Counselor and Attache Reports, Official Statistics, USDA Estimates; USDA, Foreign Agricultural Service, Production Estimates and Crop Assessment Division.

BRAZILIAN SOYBEAN AREA, YIELD AND PRODUCTION BY STATE 1974/75 - 1989/90†

	Area Harvested for Beans (Thousand Hectares)											
	1974/75	1979/80	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90*		
Rio Grande/Sul	3,113	3,988	3,403	3,642	3,637	3,261	3,160	3,436	3,669	3,550		
Parana	1,632	2,411	2,022	2,178	2,196	1,932	1,776	2,123	2,402	2,300		
Mato Grosso/Sul 1/	194	807	925	1,179	1,308	1,234	1,215	1,171	1,298	1,250		
Sao Paulo	391	561	470	483	499	476	462	513	593	560		
Santa Catarina	361	520	359	420	420	406	370	387	436	415		
Goiás	56	246	371	582	734	622	548	774	950	900		
Minas Gerais	76	162	258	332	447	439	415	484	591	530		
Mato Grosso		70	302	538	795	913	1,100	1,319	1,704	1,350		
Other 2/		9	26	67	117	167	224	317	527	445		
Total	5,823	8,774	8,136	9,421	10,153	9,450	9,270	10,524	12,170	11,300		
Average Yield per Hectare for Beans (Metric Tons)												
Rio Grande/Sul	1,510	1,439	1,548	1,487	1,570	1,063	1,600	1,057	1,676	1,528		
Parana	2,220	2,240	2,134	1,892	2,010	1,630	2,170	2,247	2,019	2,141		
Mato Grosso/Sul 1/	1,410	1,638	1,947	1,699	1,956	1,592	1,992	2,119	2,003	1,904		
Sao Paulo	1,730	1,959	2,055	1,803	1,924	1,929	2,117	1,953	2,003	1,982		
Santa Catarina	1,290	1,383	1,128	1,379	1,343	1,251	1,265	1,344	1,445	1,349		
Goiás	1,300	1,854	1,868	1,455	1,847	1,822	1,943	1,924	1,958	1,900		
Minas Gerais	1,140	1,790	1,853	1,669	1,975	1,815	1,976	1,924	1,998	1,934		
Mato Grosso		1,671	2,023	1,952	2,083	2,104	2,170	2,043	2,171	2,007		
Other 2/		1,778	8,154	1,507	1,504	1,455	1,125	1,552	1,596	1,472		
Average Total	1,699	1,727	1,813	1,650	1,800	1,492	1,866	1,712	1,890	1,814		
Total Production of Beans (Thousand Metric Tons)												
Rio Grande/Sul	4,688	5,737	5,269	5,415	5,711	3,465	5,056	3,631	6,150	5,425		
Parana	3,625	5,400	4,315	4,121	4,413	3,150	3,854	4,771	4,850	4,925		
Mato Grosso/Sul 1/	273	1,322	1,801	2,003	2,559	1,965	2,420	2,481	2,600	2,380		
Sao Paulo	678	1,099	966	871	960	918	978	1,002	1,188	1,110		
Santa Catarina	467	719	405	579	564	508	468	520	630	560		
Goiás	73	456	693	847	1,356	1,133	1,065	1,489	1,860	1,710		
Minas Gerais	87	290	478	554	883	797	820	931	1,181	1,025		
Mato Grosso		117	611	1,050	1,656	1,921	2,387	2,695	3,700	2,710		
Other 2/		16	212	101	176	243	252	492	841	655		
Total	9,891	15,156	14,750	15,541	18,278	14,100	17,300	18,012	23,000	20,500		

†Local crop year. *Forecast. 1/Before 1979, Mato Grosso and Mato Grosso/Sul were one state. 2/Other (includes beans shipped through Paraguay in some years, yield figures may not be accurate). Source: Counselor and Attache Reports, Official Statistics, USDA Estimates; USDA, Foreign Ag. Service, Foreign Production Estimates and Crop Assessment Division.

CANADIAN SOYBEAN PRODUCTION
Acreage, Yield, Production, Farm Price and Value (Canadian Dollars)
1950 - 1989

Crop Year	Harvested Acreage (Th. Acres)	Avg. Yield per Harvested Acre (Bu./Acre)	Production (Th. Bu.)	Avg. Farm Price (C\$/Bu.)	Total Farm Value (Th. C\$)
1950-51	142	23.4	3,323	2.55	8,474
1955-56	214	26.4	5,650	2.09	11,808
1960-61	227	22.0	4,997	2.03	11,521
1963-64	227	22.0	4,997	2.80	14,006
1964-65	230	30.4	6,981	2.87	20,021
1965-66	264	30.5	8,047	2.70	21,681
1966-67	279	32.3	9,002	3.00	27,036
1967-68	289	28.0	8,084	2.68	21,684
1968-69	294	31.3	9,039	2.42	21,845
1969-70	321	24.0	7,716	2.61	20,003
1970-71	336	31.0	10,398	2.78	28,906
1971-72	368	28.0	10,288	3.17	32,575
1972-73	405	34.0	13,779	5.73	78,902
1973-74	469	31.1	14,587	6.17	89,897
1974-75	415	27.0	11,060	6.08	62,563
1975-76	390	34.6	13,485	4.92	54,051
1976-77	378	24.3	9,186	7.13	65,496
1977-78	551	38.7	21,311	6.18	131,702
1978-79	704	26.9	18,960	7.81	148,078
1979-80	689	35.0	24,140	6.96	168,014
1980-81	684	37.1	25,353	8.33	211,182
1981-82	689	32.4	22,303	7.16	159,689
1982-83	899	34.6	31,158	6.68	208,135
1983-84	899	30.0	27,007	9.42	254,406
1984-85	1,001	33.7	33,694	7.40	249,336
1985-86	1,001	37.1	37,185	6.59	245,049
1986-87	949	37.2	35,274	6.31	222,579
1987-88	1,139	41.0	46,654	7.51	350,372
1988-89	1,316	32.2	42,361	8.53	361,339
1989-90*	1,333	33.6	44,786	6.40	243,366

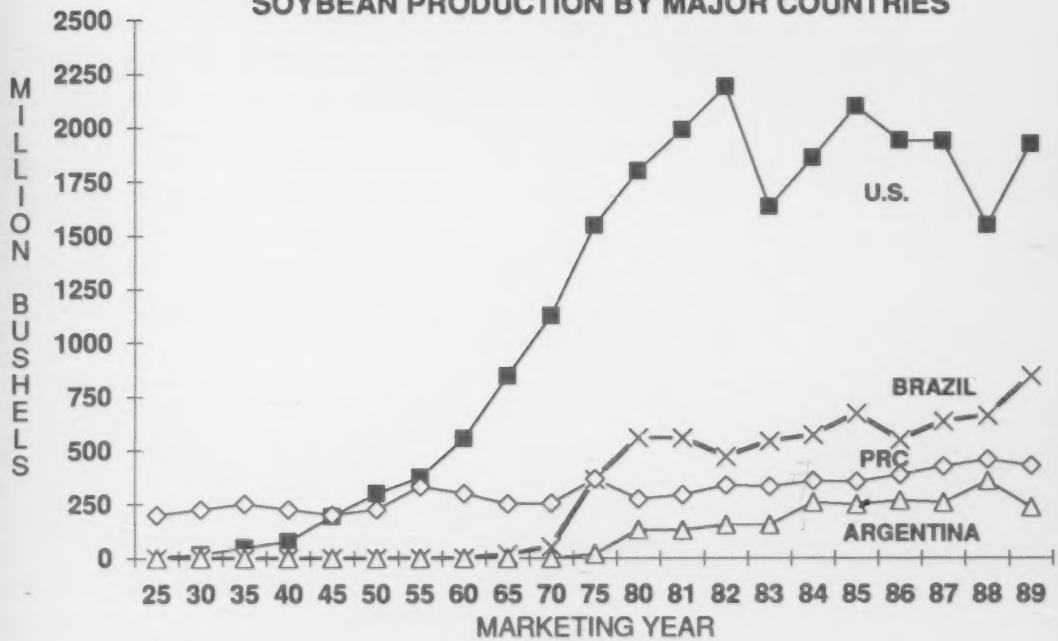
*Forecast. Source: Statistics Canada Agriculture Division; Agriculture Canada Grains & Oilseeds Branch; USDA Foreign Agricultural Service, Production Estimates and Crop Division.

CANADIAN SOYBEAN PRODUCTION AND UTILIZATION 1950 - 1990

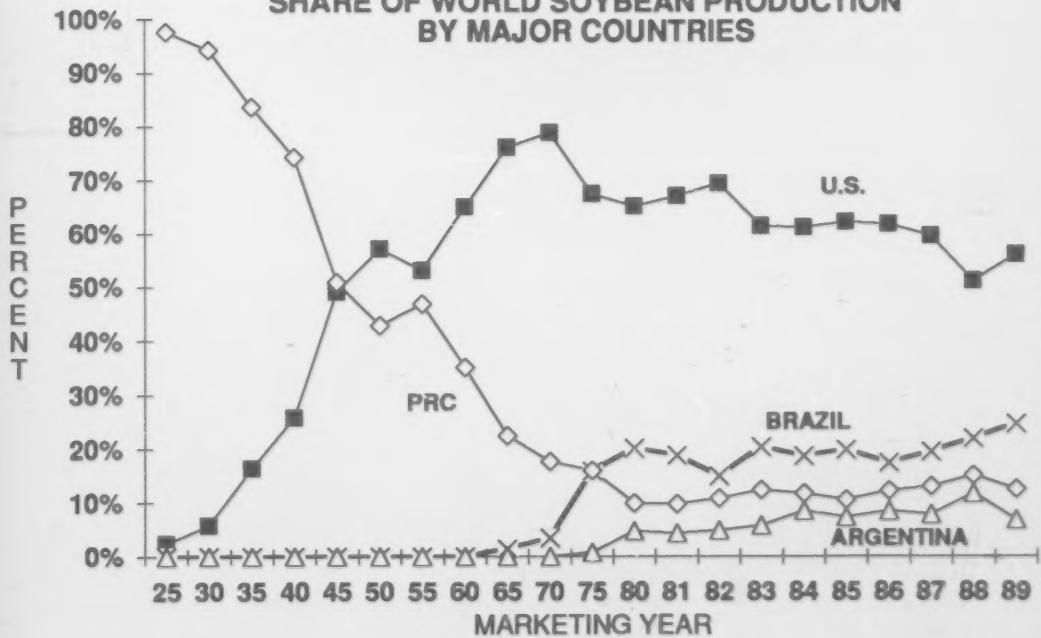
Year Beg. Aug. 1	Production (Th. Bu.)	Imports (Th. Bu.)	Supplies (Th. Bu.)	Exports of Beans (Th. Bu.)	Processed for Oil and Meal (Th. Bu.)	Soy Oil Produced (Th. Lb.)	Soybean Oilcake Produced (Short Tons)
1950	3,323	4,723	8,046	—	7,393	72,676	176,343
1955	5,650	8,309	13,959	1,492	11,799	124,171	279,095
1960	4,997	12,345	17,346	1,381	16,279	173,837	380,558
1965	8,047	17,049	25,096	2,168	20,650	205,026	491,631
1966	9,002	16,277	25,279	3,601	19,878	200,617	473,994
1967	8,084	13,338	21,422	1,580	19,842	198,413	471,789
1968	9,039	12,456	21,495	1,139	20,062	205,026	476,198
1969	7,716	17,380	25,096	1,102	23,883	244,709	563,281
1970	10,398	15,726	26,124	808	23,589	240,300	553,360
1971	10,288	14,808	25,096	1,396	23,296	240,300	544,542
1972	13,799	10,986	24,765	1,102	22,487	218,254	532,416
1973	14,587	12,493	27,080	1,102	23,589	240,300	554,462
1974	11,060	12,713	23,773	294	23,295	238,095	550,053
1975	13,485	13,595	27,080	808	25,721	262,346	606,271
1976	9,186	14,404	23,590	2,919	22,303	227,072	528,007
1977	21,311	9,664	30,975	2,352	26,749	273,368	625,010
1978	18,960	12,860	31,820	3,344	27,901	284,392	636,033
1979	24,140	15,506	39,646	1,984	34,466	346,120	813,506
1980	25,353	14,734	40,087	5,218	34,172	350,595	806,812
1981	22,303	15,579	37,882	3,050	35,347	361,620	835,262
1982	31,158	15,396	46,554	4,299	38,324	394,627	918,225
1983	27,007	10,288	37,295	2,241	34,429	363,763	809,096
1984	33,694	8,414	46,958	4,556	34,098	374,782	795,869
1985	37,185	6,430	50,596	6,357	32,849	343,918	767,208
1986	35,274	7,973	52,433	5,401	35,017	348,327	805,789
1987	46,665	5,548	56,402	6,834	35,090	368,172	812,403
1988*	42,365	5,842	53,315	10,031	31,416	328,489	722,013
1989**	44,791	6,246	55,740	7,349	36,744	374,786	848,779
1990***	42,255	6,614	55,005	7,349	36,744	374,786	848,779

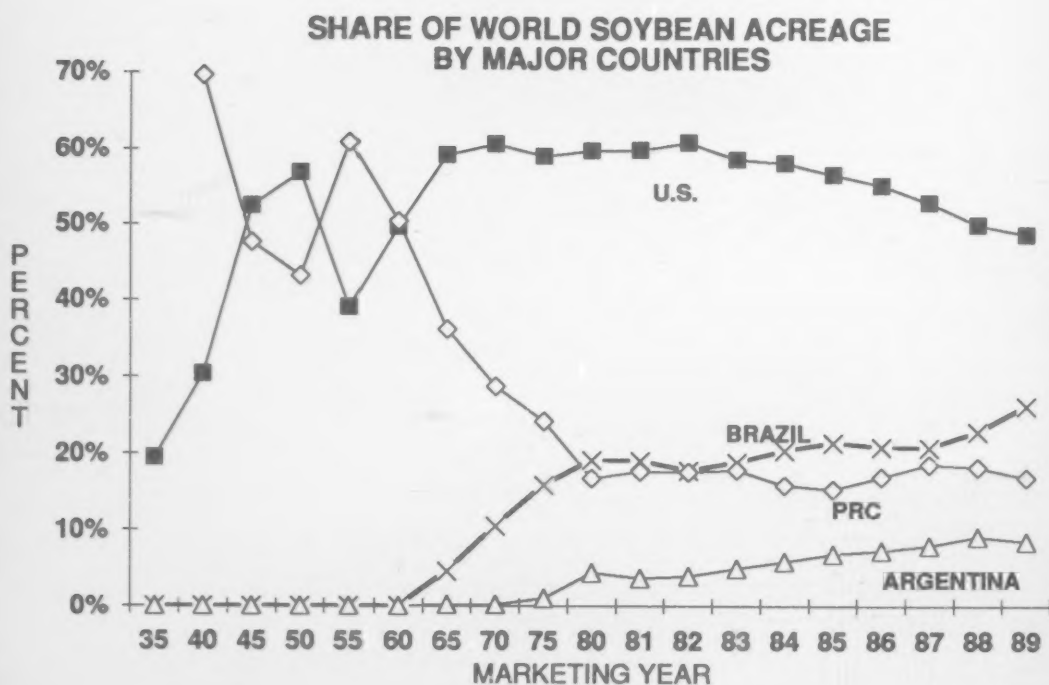
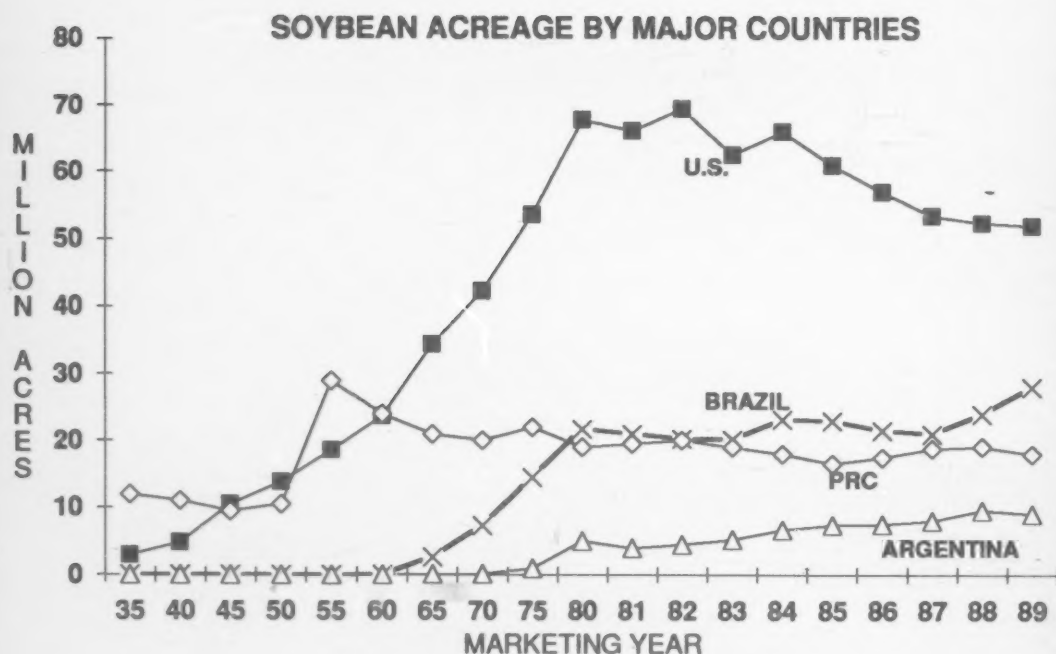
*Revised. **Preliminary. ***Forecast. Source: Counselor and Attache Reports, Official Statistics, USDA Estimates; U.S. Department of Agriculture, Foreign Ag. Service, Oilseeds and Products Division.

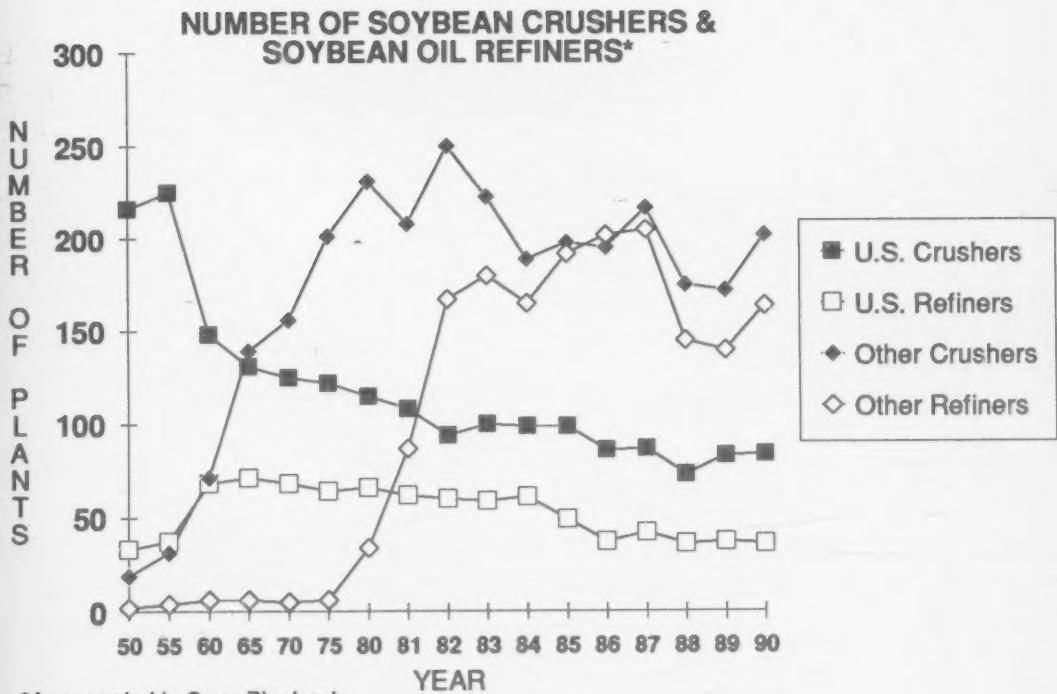
SOYBEAN PRODUCTION BY MAJOR COUNTRIES



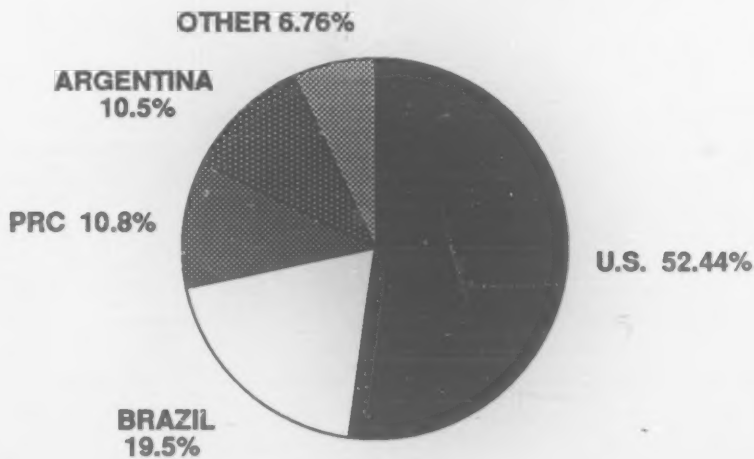
SHARE OF WORLD SOYBEAN PRODUCTION BY MAJOR COUNTRIES







1989/90 WORLD SOYBEAN PRODUCTION FORECAST OF MARKET SHARE



WORLD SOYBEAN PRODUCTION
Area and Production in Specified Countries and the World Total
1984/85 - 1989/90*

Country or Region	Area ^a					Production							
	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90 ^b	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90 ^c	
			(Thousand Hectares)				(Thousand Metric Tons)						
NORTH AMERICA:													
Canada	405	405	384	461	533	540	917	1,012	960	1,270	1,153	1,219	
Mexico	350	370	340	390	145	400	550	710	660	750	300	830	
United States 1/	26,755	24,922	23,590	23,137	23,218	24,033	50,644	57,113	52,801	52,746	42,152	52,439	
CENTRAL & SOUTH AMERICA:													
SOUTH AMERICA:													
Argentina	3,270	3,316	3,510	4,260	4,000	5,000	6,750	7,300	7,000	9,700	6,400	10,500	
Bolivia	66	57	43	83	135	155	104	140	81	153	280	320	
Brazil	10,153	9,450	9,270	10,524	12,170	11,300	18,278	14,100	17,300	18,021	23,000	20,000	
Colombia	54	74	65	61	93	113	104	154	128	115	177	232	
Ecuador	25	32	47	55	57	65	46	57	85	92	97	108	
Guatemala	5	5	14	12	13	11	9	9	29	26	28	24	
Jamaica	1	0	0	0	0	0	1	0	0	0	0	0	
Paraguay	550	550	530	615	850	980	950	600	950	1,100	1,615	1,800	
Peru	1	1	3	3	1	2	2	2	6	5	3	5	
Uruguay	14	25	43	43	58	73	21	45	80	70	70	112	
Venezuela	1	1	2	2	4	5	1	1	2	2	6	9	
AFRICA:													
Egypt	46	46	50	50	50	50	143	133	140	140	130	130	
Morocco	1	1	2	4	2	0	1	1	2	4	2	0	
Nigeria	100	115	100	44	55	68	60	55	70	40	55	65	
Zambia	10	14	21	26	32	36	15	17	22	32	34	43	
South Africa	23	30	33	44	45	45	35	35	32	84	100	100	
Zimbabwe	44	45	59	65	71	70	86	84	108	119	121	120	

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Country or Region	Area†				Production							
	1984/85	1985/86	1986/87 (Thousand Hectares)	1987/88	1988/89	1989/90‡	1984/85	1985/86	1986/87 (Thousand Metric Tons)	1987/88	1988/89	1989/90‡
EUROPE:												
Austria	0	0	0	0	6	5	0	0	0	0	12	10
Bulgaria	72	71	51	36	40	40	72	39	54	34	40	40
Czechoslovakia	3	2	2	2	2	3	4	4	3	5	5	6
France	22	28	48	79	92	135	31	46	85	186	228	331
Greece	0	0	1	2	3	5	0	0	3	4	5	20
Hungary	30	24	23	36	65	50	50	46	51	65	103	87
Italy	36	94	232	481	415	460	110	286	806	1,589	1,413	1,400
Portugal	0	0	0	0	0	1	0	0	0	0	0	1
Romania	292	319	312	350	340	360	407	317	472	350	340	450
Spain	2	2	1	2	7	11	4	5	2	4	13	26
Switzerland	0	0	0	0	1	1	0	0	0	0	2	3
Yugoslavia	114	101	96	105	110	88	228	174	225	237	179	198
U.S.S.R.:	772	738	745	783	760	830	469	465	703	712	880	920
ASIA:												
Burma	30	30	32	34	36	35	23	23	27	27	28	28
China: Mainland	7,286	7,718	8,295	8,411	8,120	7995	9,695	10,509	11,614	12,465	11,645	10,800
Taiwan	7	9	9	8	6	8	12	15	18	15	11	15
India	1,243	1,340	1,527	1,543	1,655	1900	955	1,020	891	898	1,501	1,700
Indonesia	896	970	920	950	1,180	1000	870	950	900	950	1,200	1,050
Iran	50	50	50	50	50	50	90	90	90	90	90	90
Japan	134	134	138	163	162	152	238	228	245	287	277	272
Korea, North	320	330	335	340	340	340	400	425	435	440	440	440
Korea, South	190	156	133	154	145	157	254	234	199	203	239	252
Pakistan	4	4	5	2	2	4	2	5	5	1	1	4
Philippines	7	7	8	9	9	10	7	6	7	7	8	11
Sri Lanka	0	0	0	3	4	4	0	0	0	2	3	3
Syria	0	0	0	0	10	13	0	0	0	0	16	20
Thailand	193	241	282	303	310	455	246	309	356	338	450	575
Turkey	28	45	60	112	60	100	60	75	120	120	70	120
Vietnam	120	130	135	135	150	150	86	90	95	95	120	120
OCEANIA:												
Australia	63	71	66	46	77	51	110	105	115	75	113	84
WORLD TOTAL	53,788	52,073	51,612	54,018	55,689	57,359	93,140	97,034	97,977	103,673	95,155	107,132

*Split years shown refer to years of harvest, Northern Hemisphere crops which are harvested in the first part of the split year (for example September-October 1984) and Southern Hemisphere crops which are harvested in the first part of the following year (for example March-April 1985). In this example, the split year designation would be 1984/85. †Figures refer to harvested areas. ‡Prelim. 1/Hectares harvested for soybeans. Source: Counselor and Attache Reports, Official Statistics USDA Estimates; USDA, FAS, Oilseeds and Products Division.

U.S. SOYBEANS: SUPPLY, DISPOSITION, ACREAGE/YIELD AND PRICE

1970 - 1989

Year Beginning September

	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989*
SUPPLY (MIL BUSHELS)										
Beginning stocks, Sept. 1,	230.0	188.2	358.0	345.0	176.0	316.0	536.0	436.0	302.0	182.0
Production	1,127.0	1,547.4	1,798.0	1,636.0	1,861.0	2,099.0	1,940.0	1,923.0	1,549.0	1,927.0
Total supply	1,357.0	1,735.6	2,156.0	1,981.0	2,037.0	2,415.0	2,476.0	2,359.0	1,851.0	2,109.0
DISPOSITION (MIL BUSHELS)										
Crushings	760.0	865.1	1,020.0	983.0	1,030.0	1,053.0	1,179.0	1,174.0	1,058.0	1,100.0
Exports	434.0	555.1	724.0	740.0	598.0	740.0	757.0	802.0	527.0	610.0
Seed/feed and residual	64.0	70.5	99.0	82.0	93.0	86.0	104.0	81.0	84.0	94.0
Total disposition	1,258.0	1,490.7	1,843.0	1,805.0	1,721.0	1,879.0	2,040.0	2,057.0	1,669.0	1,804.0
Ending stocks, Aug. 31	99.0	244.9	313.0	176.0	316.0	536.0	436.0	302.0	182.0	305.0
Stocks as % of usage	7.9	16.4	17.0	9.8	18.4	28.5	21.4	14.7	9.0	8.5
ACREAGE AND YIELD (MIL ACRES)										
Acres planted	43.1	54.6	70.0	63.5	67.7	63.1	60.4	58.0	59.0	61.0
Acres harvested for beans	42.2	53.6	67.8	61.8	66.0	61.6	59.4	57.0	57.4	59.4
Percent harvested (%)	97.9	98.3	96.9	97.3	98.0	97.6	96.7	98.3	97.3	97.4
Yield (Bu./Acre)	26.7	28.9	26.5	26.2	28.2	34.1	33.3	33.7	27.0	32.4
PRICE PER BUSHEL (DOLLARS)										
Loan Rate	2.25	—	5.02	5.02	5.02	5.02	4.77	4.77	4.77	4.77
Farm price	2.85	4.92	7.57	7.75	5.85	5.05	4.78	5.88	7.42	5.57
No. 1 Yellow, IL pts.	3.00	5.26	7.68	7.86	5.98	5.30	5.14	6.76	7.53	5.85

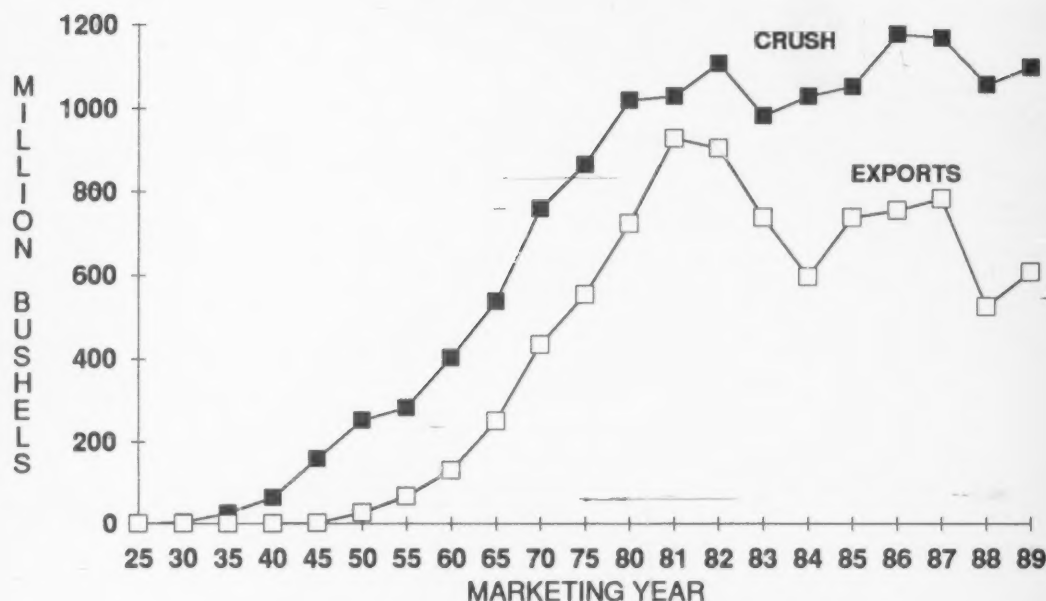
*Forecast. Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 90), USDA, Economic Research Service.

U.S. SOYBEAN MEAL AND OIL: SUPPLY AND DISPOSITION 1970 - 1989*

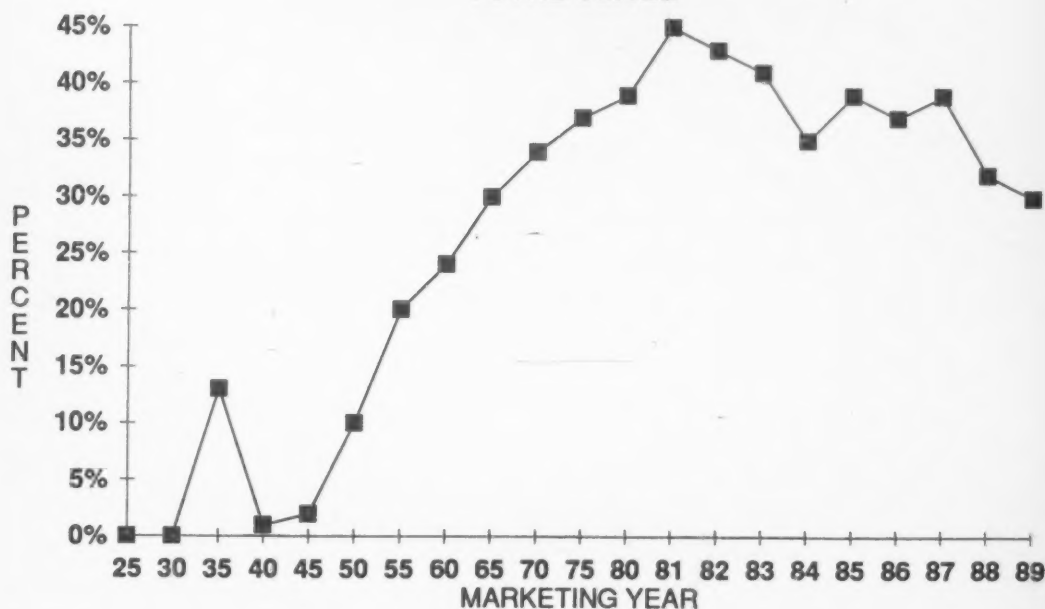
	Year Beginning October									
	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989*
SOYBEAN MEAL										
(THOUSAND SHORT TONS)										
Beginning stocks, Oct. 1	137	358	226	474	255	387	212	240	153	173
Production	18,035	20,754	24,314	22,758	24,529	24,951	27,758	28,060	24,943	26,327
Total supply	18,172	21,112	24,540	23,232	24,784	25,338	27,970	28,300	25,100	26,500
Domestic usage	13,467	15,612	17,600	17,541	19,480	19,118	20,387	21,293	19,798	21,600
Exports	4,559	5,145	6,777	5,436	4,917	6,008	7,343	6,854	5,129	4,650
Total usage	18,026	20,757	24,377	22,977	24,397	25,126	27,730	28,147	24,927	26,250
Ending stocks, Sept. 30	146	355	163	255	387	212	240	153	173	250
SOYBEAN OIL										
(MIL. POUNDS)										
Beginning stocks, Oct. 1	543	561	1,210	1,261	721	632	947	1,725	2,092	1,715
Production	8,265	9,630	11,270	10,872	11,468	11,617	12,783	12,974	11,737	12,320
Total supply	8,808	10,191	12,480	12,133	12,209	12,257	13,745	14,895	13,967	14,050
Domestic usage	6,293	7,964	9,110	9,593	9,917	10,053	10,833	10,930	10,591	11,500
Exports	1,742	976	1,629	1,814	1,660	1,257	1,187	1,873	1,661	1,500
Total usage	8,035	8,940	10,739	11,412	11,577	11,310	12,020	12,803	12,252	13,000
Ending stocks, Sept. 30	773	1,251	1,741	721	632	947	1,725	2,092	1,715	1,050

*Forecast. Source: Official Statistics; OIL CROPS SITUATION & OUTLOOK REPORT, (Apr. 90), U.S.D.A., Economic Research Service.

SOYBEAN USAGE IN THE U. S.



U.S. SOYBEAN EXPORTS AS A PERCENT OF TOTAL USAGE



ARGENTINE SOYBEANS: SUPPLY AND DISPOSITION

(Thousand Metric Tons)

Year*	Area Harvested (Th. Hectares)	Average Yield (MT per Hectare)	Total Production	Imports	Exports	Crush	Domestic Consumption	Ending Stocks
1975-76	356	1.362	485	0	0	529	574	218
1976-77	434	1.601	695	0	111	496	567	235
1977-78	660	2.121	1,400	0	623	589	725	287
1978-79	1,250	2.160	2,700	0	1,969	686	871	147
1979-80	1,600	2.313	3,700	0	2,776	639	844	227
1980-81	2,030	1.773	3,600	0	2,726	720	897	204
1981-82	1,740	2.011	3,500	0	2,190	1,081	1,279	235
1982-83	1,986	2.090	4,150	0	2,151	1,907	2,127	107
1983-84	2,281	1.841	4,200	0	1,338	2,399	2,637	332
1984-85	2,910	2.405	7,000	0	3,132	3,617	3,922	278
1985-86	3,270	2.064	6,750	0	2,954	3,445	3,780	294
1986-87	3,316	2.201	7,300	0	2,566	4,347	4,711	317
1987-88	3,510	1.994	7,000	0	1,292	4,969	5,384	641
1988-89	4,260	2.277	9,700	0	2,100	6,969	7,489	752
1989-90	4,000	1.600	6,400	0	500	5,800	6,350	302
1990-91	5,000	2.100	10,500	0	2,500	7,300	7,900	402

*Local marketing years (April-March). Source: Counselor and Attache Reports, Official Statistics and Estimates from U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

**ARGENTINE SOYBEAN MEAL AND OIL:
SUPPLY AND DISPOSITION***
(Thousand Metric Tons)

	Total Production	Imports	Exports	Domestic Consumption	Ending Stocks
SOYBEAN MEAL					
1975-76	406	0	158	265	13
1976-77	384	0	251	131	15
1977-78	455	0	325	141	4
1978-79	536	0	370	156	14
1979-80	499	0	260	244	9
1980-81	561	0	277	277	16
1981-82	838	0	591	241	22
1982-83	1,500	0	1,209	261	52
1983-84	1,924	0	1,765	116	95
1984-85	2,893	0	2,663	206	119
1985-86	2,739	0	2,521	303	34
1986-87	3,455	0	3,248	187	54
1987-88	3,922	0	3,600	332	44
1988-89	5,582	0	5,350	82	194
1989-90	4,630	0	4,290	370	164
1990-91	5,825	0	5,450	350	189
SOYBEAN OIL					
1975-76	92	0	20	67	8
1976-77	81	0	67	18	4
1977-78	96	0	64	33	3
1978-79	112	0	59	52	4
1979-80	106	0	102	4	4
1980-81	121	0	88	25	12
1981-82	183	0	84	103	8
1982-83	312	0	220	82	18
1983-84	393	0	298	76	37
1984-85	593	0	504	78	48
1985-86	579	0	544	43	40
1986-87	729	0	649	62	58
1987-88	853	0	800	93	18
1988-89	1,199	0	980	169	68
1989-90	1,000	0	885	125	58
1890-91	1,255	0	1,100	135	78

*Local marketing years (April-March). Source: Counselor and Attache Reports, Official Statistics and Estimates from U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

BRAZILIAN SOYBEANS: SUPPLY AND DISPOSITION*

(Thousand Metric Tons)

Year	Area Harvested (Th. Hectares)	Average Yield (MT per Hectare)	Total Production	Imports	Exports	Crush	Domestic Consumption	Ending Stocks
1975-76	5,824	1.698	9,892	0	3,516	5,516	6,171	564
1976-77	6,417	1.750	11,227	0	3,328	6,374	7,122	1,360
1977-78	7,070	1.770	12,513	0	2,581	8,661	9,486	1,806
1978-79	7,782	1.226	9,541	89	559	8,882	9,720	1,057
1979-80	8,256	1.240	10,240	253	538	9,094	9,989	923
1980-81	8,774	1.727	15,156	474	1,533	13,009	13,929	1,091
1981-82	8,501	1.778	15,200	934	1,502	13,796	14,686	1,037
1982-83	8,202	1.565	12,835	1,252	797	12,728	13,623	704
1983-84	8,136	1.813	14,750	34	1,316	12,873	13,942	230
1984-85	9,421	1.650	15,541	154	1,580	12,517	13,664	681
1985-86	10,153	1.800	18,278	378	3,456	13,774	14,899	982
1986-87	9,450	1.492	14,100	337	1,192	12,332	13,377	850
1987-88	9,270	1.866	17,300	441	3,290	13,820	15,031	270
1988-89	10,524	1.712	18,021	62	3,020	13,676	15,033	300
1989-90	12,170	1.906	23,200	63	5,081	16,189	17,557	925
1990-91	11,300	1.726	19,500	0	3,500	15,200	16,510	415

*Local marketing years (Feb.-Jan.). Source: Counselor and Attache Reports, Official Statistics and Estimates from U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

**BRAZILIAN SOYBEAN MEAL AND OIL:
SUPPLY AND DISPOSITION***
(Thousand Metric Tons)

	Total Production	Imports	Exports	Domestic Consumption	Ending Stocks
SOYBEAN MEAL					
1975-76	4,279	0	3,450	810	86
1976-77	4,945	0	4,078	847	106
1977-78	6,616	0	5,329	1,255	138
1978-79	6,842	0	5,368	1,461	151
1979-80	7,040	0	5,038	1,971	182
1980-81	9,968	0	6,936	2,595	619
1981-82	10,607	0	8,562	2,271	393
1982-83	9,879	0	7,822	1,956	494
1983-84	9,960	0	7,994	2,169	291
1984-85	9,714	0	7,690	1,952	363
1985-86	10,688	0	8,628	2,120	303
1986-87	9,590	0	6,961	2,649	283
1987-88	10,782	0	8,030	2,779	256
1988-89	10,710	0	8,477	2,191	298
1989-90	12,666	0	9,578	2,779	607
1990-91	11,900	0	9,300	2,850	357
SOYBEAN OIL					
1975-76	1,022	0	320	702	150
1976-77	1,180	0	430	800	100
1977-78	1,585	0	560	1,025	100
1978-79	1,629	0	522	1,110	97
1979-80	1,669	123	459	1,309	121
1980-81	2,463	3	809	1,516	262
1981-82	2,585	0	1,212	1,490	145
1982-83	2,392	22	873	1,505	181
1983-84	2,408	43	947	1,575	110
1984-85	2,353	144	920	1,580	107
1985-86	2,587	107	935	1,596	270
1986-87	2,319	158	413	2,074	260
1987-88	2,605	59	975	1,832	117
1988-89	2,576	61	661	1,959	134
1989-90	3,033	15	865	2,147	170
1990-91	2,865	25	800	2,150	110

*Local marketing years (Feb.-Jan.). Source: Counselor and Attache Reports, Official Statistics and Estimates from U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

PRICES OF U.S. SOYBEANS: NO. 1 YELLOW
Average Price Per Bushel, Illinois Country Shipping Points
By Month (In Dollars)

Year*	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	AVG.
1950-51	2.45	2.30	2.72	2.95	3.10	3.25	3.25	3.25	3.24	3.04	2.94	2.87	2.95
1955-56	2.24	2.22	2.19	2.27	2.35	2.45	2.56	2.85	3.10	2.97	2.54	2.40	2.51
1960-61	2.07	2.04	2.05	2.15	2.39	2.66	2.88	3.14	3.06	2.73	2.59	2.63	2.53
1965-66	2.61	2.38	2.49	2.62	2.77	2.84	2.82	2.92	3.03	3.30	3.49	3.63	2.91
1970-71	2.75	2.90	2.97	2.88	2.99	3.01	3.00	2.91	2.99	3.12	3.30	3.23	3.00
1975-76	5.57	5.01	4.71	4.58	4.64	4.75	4.72	4.75	5.23	6.23	6.66	6.31	5.26
1976-77	6.59	6.22	6.55	6.86	7.06	7.26	8.25	9.60	9.42	8.25	6.40	5.49	7.33
1977-78	5.16	5.07	5.84	5.94	5.73	5.65	6.58	6.81	7.01	6.76	6.62	6.47	6.14
1978-79	6.42	6.72	6.68	6.81	6.89	7.28	7.45	7.27	7.21	7.70	7.64	7.28	7.11
1979-80	7.04	6.56	6.52	6.53	6.36	6.42	6.07	5.80	6.04	6.10	7.22	7.45	6.51
1980-81	8.13	8.27	8.91	7.73	7.57	7.34	7.37	7.72	7.58	7.13	7.36	6.94	7.67
1981-82	6.44	6.30	6.28	6.23	6.30	6.24	6.16	6.42	6.56	6.31	6.20	5.73	6.26
1982-83	5.40	5.26	5.70	5.73	5.81	5.86	5.98	6.35	6.27	6.06	6.59	8.46	6.12
1983-84	8.93	8.46	8.20	7.77	7.67	7.37	7.97	7.98	8.61	7.91	6.85	6.63	7.86
1984-85	6.21	6.27	5.25	6.07	6.04	5.97	6.08	6.13	5.95	5.88	5.65	5.28	5.98
1985-86	5.19	5.05	5.19	5.32	5.45	5.38	5.47	5.40	5.44	5.43	5.33	5.00	5.30
1986-87	4.96	4.89	5.08	4.96	4.95	4.89	4.92	5.12	5.52	5.63	5.47	5.28	5.14
1987-88	5.27	5.32	5.64	5.94	6.17	6.21	6.30	6.71	7.31	9.13	8.59	8.52	6.76
1988-89	8.52	7.92	7.67	7.83	7.83	7.60	7.78	7.39	7.40	7.25	7.08	6.06	7.53
1989-90	6.00	5.64	5.70	5.82	5.72	5.85							

*Year begins in September. Note: Beginning September 1953, price quotations are for No. 1 and No. 2 yellow soybeans when the degrading factors were test weight and/or splits only. Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 90), U.S. Department of Agriculture, Economic Research Service.

PRICES OF U.S. SOYBEANS: RECEIVED BY FARMERS

Average Price Per Bushel
By Month* (In Dollars)

Year†	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	AVG.‡
1950-51	2.26	2.03	2.54	2.70	2.90	3.08	3.10	3.12	3.13	2.98	2.86	2.71	2.47
1955-56	2.00	2.08	2.06	2.11	2.19	2.25	2.38	2.63	2.98	2.87	2.47	2.33	2.22
1960-61	1.97	1.94	1.96	1.99	2.23	2.48	2.68	3.02	2.96	2.60	2.48	2.49	2.13
1965-66	2.35	2.31	2.36	2.48	2.67	2.77	2.71	2.78	2.90	3.04	3.37	3.49	2.54
1970-71	2.66	2.67	2.86	2.77	2.86	2.92	2.91	2.80	2.85	2.98	3.18	3.09	2.85
1975-76	5.32	4.92	4.45	4.28	4.46	4.50	4.46	4.52	4.87	6.16	6.73	6.07	4.92
1976-77	6.65	5.90	6.11	6.56	6.81	7.06	7.83	9.05	9.24	8.13	6.52	5.48	6.81
1977-78	5.17	5.28	5.61	5.68	5.75	5.53	6.20	6.49	6.77	6.69	6.40	6.21	5.88
1978-79	6.20	6.26	6.41	6.49	6.58	6.99	7.16	7.06	7.06	7.36	7.36	7.07	6.66
1979-80	6.81	6.35	6.30	6.27	6.39	6.20	5.94	5.63	5.91	5.76	6.75	7.18	6.28
1980-81	7.59	7.68	8.18	7.80	7.80	7.50	7.59	7.60	7.42	7.10	7.16	6.71	7.57
1981-82	6.21	6.06	6.04	6.00	6.13	6.04	5.99	6.17	6.27	6.12	5.99	5.59	6.04
1982-83	5.22	5.06	5.34	5.46	5.56	5.66	5.82	6.08	6.05	5.91	6.28	7.57	5.67
1983-84	8.28	7.96	7.81	7.75	7.85	7.28	7.68	7.83	8.12	7.99	6.95	6.50	7.83
1984-85	6.09	6.07	6.01	5.82	5.91	5.77	5.88	5.88	5.70	5.62	5.42	5.10	5.84
1985-86	4.99	4.85	4.92	5.01	5.16	5.18	5.23	5.23	5.25	5.19	5.11	4.99	5.05
1986-87	4.86	4.51	4.64	4.67	4.70	4.69	4.73	4.90	5.20	5.36	5.25	5.02	4.78
1987-88	5.02	5.04	5.36	5.63	5.73	5.97	5.93	6.98	6.99	8.14	8.50	8.33	6.15
1988-89	7.93	7.53	7.43	7.53	7.69	7.41	7.51	7.29	7.20	7.05	6.83	6.07	7.42
1989-90	5.70	5.55	5.64	5.64	6.65	5.57							

†Year begins in September. *Monthly prices computed by weighting state prices by estimated sales for the month. ‡Includes allowance for unredeemed loans and purchase agreement deliveries by state. Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 90), USDA, Economic Research Service.

U.S. SOYBEAN PRICE SUPPORT OPERATIONS

Year Beginning October	Production (1,000 Bu.)	Owned by CCC on Oct. 1 (1,000 Bu.)	Under Price Support			Percent of Crop (%)	Deliveries to CCC (1,000 Bu.)	Support Rate Per Bu. (\$)	Season Avg. Price Rec'd by Farmers 1/ (\$)	Price Rec'd by Farmers as % of Parity 2/ (%)
			Loans (1,000 Bu.)	Purchase Agreements (1,000 Bu.)	Total (1,000 Bu.)					
1945	193,167	—	32	—	32	0.02	—	2.04	2.08	123
1950	299,249	7	14,716	238	14,954	5.00	29	2.06	2.47	102
1955	373,682	6,570	27,490	2,643	30,133	8.10	2	2.04	2.22	82
1960	555,085	9,700	25,400	200	25,600	4.60	0	1.85	2.13	84
1965	845,608	9	86,517	—	86,517	10.20	29	2.25	2.54	84
1970	1,127,100	115,311 3/	146,416	—	146,416	13.00	37	2.25	2.85	75
1971	1,176,101	1,401	168,204	—	168,204	14.30	45	2.25	3.06	72
1972	1,270,608	—	90,555	—	90,555	7.10	6	2.25	4.37	88
1973	1,547,543	—	124,177	—	124,177	8.00	4	2.25	5.68	92
1974	1,216,287	—	34,544	—	34,544	2.80	—	2.25	6.64	95
1975	1,548,344	—	—	—	—	—	—	None	4.92	68
1976	1,288,608	—	22,471	—	22,471	1.70	—	2.50	6.81	90
1977	1,767,267	—	97,262	—	97,262	5.50	—	3.50	5.88	77
1978	1,868,754	—	64,208	—	64,208	3.40	17	4.50	6.66	75
1979	2,260,665	1	122,349	—	122,349	5.40	122	4.50	6.29	62
1980	1,797,543	19	133,192	—	133,192	7.40	3,424	5.02	7.60	65
1981	1,989,110	—	221,154	—	221,154	11.10	23,419	5.02	6.07	49
1982	2,190,297	2,704	396,564	—	296,564	18.10	287	5.02	5.71	44
1983	1,635,772	20,770	101,208	—	101,208	6.20	443	5.02	7.83	60
1984	1,860,863	3,018	278,257	—	278,257	14.95	151,716	5.02	5.84	45
1985	2,099,056	30,687	517,661	—	517,661	24.67	301,327	5.02	5.05	40
1986	1,942,558	171,044	327,009	—	327,009	16.86	105	4.77	4.78	39
1987	1,937,722	232,030	274,717	—	274,717	14.18	0	4.77	5.88	49
1988	1,548,841	2,914	120,019	—	120,019	7.75	0	4.77	7.42	60
1989	1,926,806	627	—	—	—	—	—	4.53	—	—

1/State average weighted by sales to obtain national average. Prices for years in which there was a substantial volume of deliveries to CCC from loans and purchase agreements include an allowance for such deliveries valued at average loan rates. 2/Generally mid-September parity prices. 3/Excludes 42 million bushels rescaled. Source: Official Statistics; U.S. Department of Agriculture, Agricultural Stabilization & Conservation Service, Analysis Division.

U.S. SOYBEAN CROP VALUE
U.S. and Major Producing States
1925 - 1989 (In \$1,000)

Year	U.S.	Illinois	Iowa	Indiana	Ohio	Missouri	Minnesota	Arkansas
1925	11,430	3,077	260	872	571	905	—	69
1930	19,058	8,225	1,350	2,495	651	1,584	—	184
1935	35,565	18,983	4,510	4,879	1,771	1,140	76	604
1940	70,224	29,675	12,478	8,928	8,168	1,601	779	832
1945	402,234	156,416	73,143	58,889	39,935	19,843	13,860	6,822
1950	737,760	238,383	112,094	89,208	62,539	64,790	42,785	28,357
1955	830,909	227,956	101,293	99,951	66,640	71,155	98,412	44,469
1960	1,184,910	288,335	141,164	140,843	80,063	102,304	87,623	109,231
1965	2,151,305	467,141	329,121	199,362	129,702	192,762	155,213	195,392
1970	3,204,650	611,320	520,572	289,611	195,389	250,937	229,126	279,484
1975	7,617,984	1,530,547	1,206,228	605,593	511,500	549,921	494,721	551,075
1976	8,768,979	1,758,834	1,409,648	747,184	664,330	558,600	479,697	533,520
1977	10,351,545	2,021,163	1,487,933	806,637	698,342	854,112	789,627	650,670
1978	12,458,598	2,078,089	1,930,082	963,323	852,994	1,056,284	952,963	773,808
1979	14,250,214	2,448,857	1,890,334	1,005,638	916,837	1,142,272	975,360	928,648
1980	13,559,595	2,361,248	2,352,939	1,195,214	1,036,858	1,028,331	1,084,066	516,128
1981	12,071,341	2,161,725	1,916,890	922,944	616,455	934,856	803,184	610,830
1982	12,462,799	2,086,238	1,784,412	954,608	756,576	959,310	982,181	602,976
1983	12,774,974	2,119,782	2,159,150	974,702	830,234	807,520	1,159,752	553,261
1984	10,748,050	1,662,161	1,468,530	880,940	803,613	627,997	938,956	604,344
1985	10,571,324	1,977,525	1,545,403	932,854	819,086	894,958	769,800	508,880
1986	9,262,746	1,767,600	1,658,693	748,510	712,525	786,581	768,180	328,020
1987	11,391,000	1,983,600	2,051,591	1,033,560	857,142	899,232	1,106,235	442,520
1988	11,487,742	1,750,005	1,840,563	872,025	753,246	835,108	911,040	628,160
1989	10,621,536	1,964,700	1,759,914	959,595	713,216	675,664	989,750	430,080

Source: U.S. Department of Agriculture, National Agricultural Statistics Service.

U.S. FARM MARKETINGS OF SOYBEANS
 Percent of Open Market Farm Sales, by Month
 1979/80 - 1988/89

Crop Marketing Season

Month	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
September	5.0	9.9	6.0	5.7	8.1	4.2	5.8	7.0	12.4	8.4
October	21.7	25.2	18.4	17.6	20.2	14.3	17.4	20.1	23.3	23.4
November	11.4	11.4	15.6	14.0	12.0	19.9	13.6	12.2	10.0	12.0
December	7.3	5.4	7.2	8.5	7.4	9.0	12.0	8.3	5.9	8.8
January	10.4	10.4	10.7	12.6	11.7	9.5	13.9	13.6	13.0	13.5
February	7.3	4.3	6.4	6.2	5.5	5.5	5.6	6.4	6.5	4.0
March	6.6	7.8	6.6	6.7	9.7	8.9	8.1	6.7	6.8	6.9
April	5.3	5.9	9.1	5.7	6.3	6.9	5.9	6.9	5.0	4.6
May	6.4	5.0	6.7	4.0	11.0	4.8	4.6	6.0	5.4	4.2
June	6.4	3.6	4.0	4.3	3.2	5.9	5.0	4.3	4.9	5.6
July	6.9	5.4	4.9	7.8	2.1	6.1	4.7	4.4	3.8	4.1
August	5.3	5.7	4.4	6.9	2.7	5.0	3.4	4.1	3.0	4.5
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Source: U.S. Department of Agriculture, National Agricultural Statistics Service.

VALUE OF U.S. SOYBEAN PRODUCTS AND CRUSH MARGIN (PER BUSHEL)
1950 - 1988

Year beg. Sept.	Value of Products per Bushel						Soybean Price		Margin Between Value of Products and Soybean Price	
	Soy Oil			Soybean Meal			Rec'd by Farmers ^o (dollars)	No. 1 Y IL pils. ^o (dollars)		
	Yield* (pounds)	Price† (cents)	Value (dollars)	Yield* (pounds)	Price† (cents)	Value (dollars)				
1950	9.7	17.9	1.74	46.8	3.16	1.48	2.47	2.95	.75	.27
1955	11.1	12.5	1.39	46.2	2.68	1.24	2.22	2.51	.41	.12
1960	11.0	11.2	1.23	47.0	3.00	1.41	2.13	2.53	.51	.11
1965	10.7	11.8	1.26	47.5	4.02	1.91	2.54	2.91	.63	.26
1970	10.8	12.8	1.38	47.4	3.96	1.88	2.65	3.00	.41	.26
1975	10.9	18.5	2.02	47.3	7.20	3.40	4.92	5.26	.50	.16
1980	11.1	23.3	2.58	47.9	11.10	5.32	7.57	7.67	.33	.23
1981	10.7	19.1	2.04	47.9	9.25	4.43	6.04	6.26	.43	.21
1982	10.8	19.0	2.22	47.9	9.40	4.48	5.65	6.12	1.05	.58
1983	11.3	31.1	3.50	47.4	9.78	4.63	7.83	7.86	.30	.27
1984	11.0	30.0	3.31	47.2	8.33	2.99	5.85	5.98	.43	.32
1985	11.0	18.7	2.06	47.3	7.60	3.59	5.05	5.30	.60	.35
1986	10.9	15.2	1.65	47.1	8.08	3.80	4.78	5.14	.68	.32
1987	11.0	22.1	2.44	47.8	10.73	5.13	6.15	6.76	1.42	.81
1988	11.2	21.7	2.42	47.4	11.87	5.63	7.42	7.53	.63	.52

*Actual outturn of oil and meal as calculated from Bureau of Census Reports. †Simple average of monthly cash prices per pound using the following quotations: soybean oil, crude, tank cars, F.O.B. Decatur, IL.; soybean meal, bulk, 44% protein, Decatur, IL. ^oSeason average price received by farmers weighted by the estimated percent of crops sold each month. Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 90), USDA, Economic Research Service.

U.S. SOYBEAN MEAL: PRICES PAID BY FARMERS
 Soybean Meal, 44% Protein: Dollars per 100 Pounds,
 1950 - 1990

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	AVG.
1950	4.20	4.02	4.11	4.19	4.58	4.73	5.16	5.01	4.44	4.15	4.24	4.34	4.43
1955	4.77	4.73	4.62	4.50	4.36	4.16	4.16	4.14	4.17	4.33	4.08	3.97	4.33
1960	4.24	4.19	4.14	4.16	4.09	4.05	4.03	3.98	4.01	3.96	3.85	3.80	4.04
1965	4.76	4.81	4.80	4.82	4.82	4.90	5.03	5.04	5.01	5.01	5.10	5.01	4.93
1970	5.73	5.87	5.62	5.46	5.45	5.42	5.56	5.67	5.72	5.69	5.62	5.67	5.62
1975	9.86	9.10	8.37	8.64	8.54	8.48	8.57	8.88	9.24	9.23	8.75	8.74	8.87
1980	12.80	12.80	12.60	12.20	12.30	12.40	12.70	13.70	14.60	15.30	16.50	16.30	13.68
1981	15.90	15.50	15.00	15.20	15.40	15.20	15.00	14.90	14.40	14.00	13.70	13.80	14.83
1982	13.70	13.90	13.70	13.80	13.90	13.90	13.70	13.50	13.20	12.90	12.90	13.00	13.51
1983	13.10	13.20	13.20	13.60	13.70	13.50	13.50	14.70	15.70	15.80	15.80	15.60	14.28
1984	15.60	14.80	14.50	14.50	14.20	13.60	13.00	12.60	12.30	11.80	11.60	11.30	13.32
1985	11.10	11.00	10.60	10.30	10.10	9.82	9.74	9.76	10.00	10.30	10.60	10.70	10.34
1986*	10.90	11.10		11.40			11.50			11.60			11.30
1987	11.30			11.40			12.40			12.60			11.93
1988	13.90			13.70			18.00			17.00			15.60
1989	16.60			15.60			15.60			14.70			15.62
1990	13.50			12.70									

*Monthly program discontinued. Quarterly program began April 1986. Source: Agricultural Prices, U.S. Department of Agriculture, National Agricultural Statistics Service.

U.S. SOYBEAN MEAL: AVERAGE WHOLESALE PRICE
 Soybean Meal, 44% Protein: Dollars per Ton, Bulk Decatur
 By Month, 1950/51 - 1989/90

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	AVG.*
1950-51	54.05	61.45	64.70	63.90	69.25	67.00	62.00	63.40	64.40	68.80	64.60	69.75	64.44
1955-56	56.00	49.00	50.25	51.00	49.40	47.40	53.00	60.05	60.75	54.80	52.10	46.90	52.55
1960-61	48.95	44.50	51.25	55.20	61.50	64.45	73.10	71.00	63.85	65.00	68.90	59.60	60.60
1965-66	70.80	75.70	71.40	78.80	77.30	71.50	75.50	80.30	92.70	97.20	97.90	88.40	81.50
1970-71	77.25	77.90	82.00	80.25	77.50	77.00	74.25	78.25	81.50	84.25	78.75	73.25	78.80
1975-76	125.90	119.90	125.10	128.25	132.60	127.90	127.10	152.25	187.90	193.90	173.30	179.20	147.80
1976-77	169.60	181.20	197.60	207.00	211.00	226.20	275.60	258.25	225.30	162.00	140.30	143.60	199.80
1977-78	135.00	161.70	160.10	162.20	152.90	179.40	173.00	177.40	169.75	172.00	162.90	163.90	164.20
1978-79	176.80	177.10	188.75	184.90	190.90	194.50	191.10	188.00	209.60	201.60	188.90	188.60	190.10
1979-80	181.40	183.10	188.00	180.20	174.25	164.60	154.20	166.50	160.90	187.90	207.40	234.50	181.90
1980-81	246.40	261.40	223.70	223.50	212.50	210.40	222.00	221.00	200.90	204.10	202.25	190.00	218.20
1981-82	180.75	178.40	187.50	191.00	191.00	183.60	190.25	192.40	183.60	181.90	169.00	160.80	182.50
1982-83	157.00	173.40	178.50	179.75	177.10	177.30	186.75	185.75	175.50	189.30	232.80	233.60	187.20
1983-84	228.60	224.70	216.60	201.90	184.40	196.40	190.00	187.40	174.40	157.60	151.60	144.90	188.20
1984-85	141.60	135.20	136.75	135.20	125.25	125.90	117.30	111.50	110.25	114.00	121.40	130.60	125.40
1985-86	138.30	142.50	145.00	153.25	152.25	163.70	157.00	157.90	158.90	161.00	163.50	165.20	154.90
1986-87	151.90	154.00	149.60	146.80	154.40	146.60	159.00	174.90	185.80	181.25	169.90	177.20	162.60
1987-88	185.50	206.60	214.80	193.75	183.00	191.80	200.40	223.50	287.80	255.60	255.10	264.90	221.90
1988-89	259.60	248.20	246.00	249.30	234.10	237.10	220.75	214.70	227.50	231.50	215.50	217.10	233.40
1989-90	190.60	183.40	179.40	172.30	161.10	165.10							

Source: U.S. Department of Agriculture, Agricultural Marketing Service. *Prices rounded to the nearest ten cents.

**U.S. SOYBEAN MEAL: BEGINNING STOCKS, PRODUCTION,
EXPORTS AND DOMESTIC DISAPPEARANCE**
By Month, 1982/83 - 1988/89 (Thousand Short Tons)

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	TOTAL
1982-83													
*Stocks	175.2	342.8	349.6	332.3	400.2	422.8	341.0	356.1	341.5	272.3	365.2	378.5	—
Production	2,385.9	2,581.4	2,679.1	2,628.1	2,220.7	2,258.7	1,949.8	1,992.7	1,955.8	1,993.5	2,052.8	2,071.1	26,769.6
Exports	448.2	723.1	660.8	1,052.2	826.8	850.2	450.2	458.8	533.8	381.6	330.5	392.5	7,108.7
Domestic Disappearance	1,770.1	1,851.5	2,035.6	1,508.0	1,371.3	1,490.3	1,484.5	1,548.5	1,491.2	1,459.0	1,709.0	1,587.0	19,306.0
1983-84													
*Stocks	474.1	419.3	466.8	391.1	475.8	446.7	460.7	418.6	427.2	391.2	355.5	242.7	—
Production	2,287.9	2,049.1	2,122.6	2,220.2	1,872.2	2,029.2	1,760.3	1,872.2	1,665.0	1,629.1	1,689.6	1,559.0	22,756.4
Exports	593.5	617.5	664.7	687.6	578.0	580.9	400.1	315.5	265.7	287.1	278.8	166.1	5,435.5
Domestic Disappearance	1,749.2	1,384.1	1,533.6	1,447.7	1,323.3	1,434.3	1,402.3	1,548.1	1,435.3	1,377.1	1,523.6	1,380.2	17,538.8
1984-85													
*Stocks	255.4	236.1	285.7	336.8	319.3	334.1	444.6	428.8	495.8	569.6	562.5	458.0	—
Production	2,107.6	2,326.0	2,381.0	2,226.4	1,887.2	2,023.6	1,958.3	2,100.9	1,952.7	1,934.0	1,831.6	1,800.6	24,529.9
Exports	256.2	474.7	635.7	515.3	431.8	416.3	387.4	331.3	353.0	338.7	364.4	411.7	4,916.5
Domestic Disappearance	1,870.7	1,801.7	1,694.2	1,728.3	1,440.9	1,496.8	1,585.7	1,703.6	1,525.9	1,602.4	1,571.7	1,460.0	19,481.9
1985-86													
*Stocks	386.9	318.4	369.2	358.4	372.4	281.3	386.6	300.8	282.4	278.7	250.6	298.3	—
Production	2,218.1	2,287.7	2,379.9	2,343.8	1,925.2	2,159.7	2,008.4	2,036.7	1,879.4	1,976.6	1,863.4	1,878.7	24,957.6
Exports	397.8	615.1	638.5	590.3	619.1	649.3	607.7	378.1	452.9	404.2	345.0	312.9	6,010.9
Domestic Disappearance	1,888.8	1,621.8	1,752.2	1,739.5	1,397.2	1,405.1	1,486.5	1,677.0	1,430.2	1,600.5	1,474.9	1,644.6	19,118.3
1986-87													
*Stocks	211.7	218.0	387.3	240.3	311.2	277.5	235.8	244.0	321.7	261.3	292.9	301.3	—
Production	2,520.9	2,562.8	2,527.3	2,590.1	2,409.9	2,489.1	2,256.4	2,245.6	2,134.9	2,185.2	1,948.9	1,887.7	27,758.8
Exports	524.1	818.4	887.8	584.9	930.1	992.4	654.8	427.8	455.8	480.3	382.0	204.6	7,343.0
Domestic Disappearance	1,990.6	1,575.2	1,786.4	1,926.4	1,513.5	1,538.4	1,593.4	1,740.1	1,739.5	1,673.2	1,558.5	1,744.2	20,379.4
1987-88													
*Stocks	240.2	267.6	311.8	296.2	390.4	304.9	243.7	299.5	255.6	294.4	437.4	264.6	—
Production	2,439.4	2,667.8	2,649.3	2,554.4	2,377.1	2,572.8	2,449.9	2,339.9	2,129.0	2,110.3	1,872.5	1,897.8	28,060.2
Exports	260.4	509.8	654.9	635.0	986.9	984.7	739.1	716.7	366.8	301.1	285.6	441.0	6,871.0
Domestic Disappearance	2,151.6	2,113.9	2,021.0	1,825.2	1,475.8	1,649.4	1,654.9	1,667.1	1,723.4	1,666.2	1,759.7	1,567.9	21,275.9
1988-89													
*Stocks	153.5	267.8	295.6	353.6	442.3	395.7	237.9	296.8	260.4	218.0	264.9	152.0	—
Production	2,235.5	2,399.4	2,390.0	2,359.8	2,036.3	2,218.8	2,126.6	2,061.2	1,802.9	1,749.2	1,804.4	1,758.6	24,942.7
Exports	511.8	409.0	594.1	548.0	512.1	760.9	610.9	532.4	180.8	134.0	177.1	159.7	5,130.8
Domestic Disappearance	1,609.4	1,962.7	1,737.9	1,723.2	1,570.8	1,615.8	1,456.7	1,565.1	1,664.6	1,568.2	1,740.1	1,578.1	19,792.5

*Beginning of month. Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 90), USDA, Economic Research Service.

U.S. OILSEED CAKE AND MEALS: SUPPLY DISPOSITION AND PRICE 1981 - 1989

Year Beg. October	Supply				Disposition				Price per Ton Dollars
	Stocks Oct. 1*	Pro- duction	Imports	Total	Domestic Disappearance 1,000 tons	Exports	Ship- ments	Total	
1981									
Soybean	163	24,634	—	24,797	17,673	6,908	41	24,622	182.50
Cottonseed	108	2,190	—	2,298	2,019	107	18	2,144	156.15
Linseed	4	185	2	191	83	103	—	186	151.75
Peanut	1	124	—	125	124	—	—	124	182.10
Total	276	27,133	2	27,411	19,898	7,119	59	27,076	—
1982									
Soybean	175	26,714	—	26,889	19,306	7,109	—	26,415	187.20
Cottonseed	154	1,588	—	1,742	1,648	1	—	1,649	176.55
Linseed	5	180	2	187	87	94	—	182	145.05
Peanut	1	70	—	71	102	—	—	69	198.30
Total	335	28,552	2	28,889	21,111	7,204	—	28,315	—
1983									
Soybean	474	22,756	—	23,230	17,615	5,360	—	22,975	188.20
Cottonseed	93	1,134	—	1,227	1,126	1	—	1,127	190.20
Linseed	5	236	1	242	122	113	—	235	140.20
Peanut	2	71	—	73	70	—	—	70	209.00
Total	574	24,197	1	24,772	18,933	5,474	—	24,407	—
1984									
Soybean	255	24,529	—	24,784	19,480	4,917	—	24,397	125.40
Cottonseed	100	1,732	—	1,832	1,758	6	—	1,764	99.40
Linseed	7	183	2	192	112	77	—	189	87.90
Peanut	3	95	—	98	85	—	—	85	130.00
Sunflower	6	355	—	361	339	16	—	355	52.35
Total	371	26,894	2	27,267	21,774	5,016	—	26,790	—
1985									
Soybean	387	24,951	—	25,338	19,090	6,036	—	25,126	154.90
Cottonseed	68	1,526	—	1,594	1,520	5	—	1,525	134.30
Linseed	3	166	3	172	103	65	—	168	113.95
Peanut	13	137	—	150	146	—	—	146	160.00
Sunflower	6	393	—	399	344	49	—	393	68.80
Total	477	27,173	3	27,653	21,203	6,155	—	27,358	—
1986									
Soybean	212	27,758	—	27,970	20,387	7,343	—	27,730	162.70
Cottonseed	69	1,112	—	1,181	1,131	18	—	1,149	148.55
Linseed	4	185	2	191	133	56	—	189	113.25
Peanut	4	102	—	106	104	—	—	104	167.70
Sunflower	6	336	—	342	297	39	—	336	75.85
Total	295	29,493	2	29,790	22,252	7,456	—	29,508	—
1987									
Soybean	240	28,060	—	28,300	21,293	6,854	—	28,147	221.90
Cottonseed	32	1,647	—	1,679	1,590	45	—	1,635	178.50
Linseed	2	191	2	195	127	65	—	192	160.30
Peanut	2	109	—	111	109	—	—	109	220.90
Sunflower	6	470	—	476	420	51	—	471	98.80
Total	282	30,477	2	30,761	23,539	7,015	—	30,554	—
1988									
Soybean	153	24,943	4	25,100	19,798	5,129	—	24,927	233.00
Cottonseed	44	1,689	3	1,736	1,632	23	—	1,655	185.00
Linseed	3	163	11	177	113	59	—	172	162.05
Peanut	2	168	—	170	160	5	—	165	223.15
Sunflower	5	327	14	346	336	7	—	343	120.00
Total	207	27,290	32	27,529	22,039	5,223	—	27,262	—
1989**									
Soybean	173	26,327	—	26,500	21,600	4,650	—	26,250	167.50
Cottonseed	81	1,464	—	1,545	1,470	25	—	1,495	160.00
Linseed	5	145	10	160	100	55	—	155	125.00
Peanut	5	105	—	110	95	10	—	105	210.00
Sunflower	3	327	11	341	325	11	—	336	90.70
Total	267	28,368	21	28,656	23,590	4,751	—	28,341	—

*Stocks at processing mills. †Soybean meal, 44% protein, bulk Decatur. Cottonseed meal, 41% protein, bulk Memphis. Peanut Meal, 50% protein, southeast milling points. ‡Less than 500 tons. **Forecast.
Source: Official Statistics; USDA, Agriculture, Stabilization & Conservation Service, Analysis Division.

WORLD MAJOR PROTEIN MEALS: SUPPLY AND UTILIZATION
(Million Metric Tons)

	1985-86	1986-87	1987-88	1988-89*	1989-90†
PRODUCTION					
Soybean	61.08	67.20	67.58	63.92	68.97
Cottonseed	11.13	9.87	11.27	11.56	11.25
Rapeseed	10.26	11.11	12.74	12.30	12.39
Sunflowerseed	7.66	7.54	8.18	8.21	8.70
Fish	6.34	6.14	6.79	6.72	6.56
Peanut	4.23	4.41	4.43	5.33	4.89
Copra	1.89	1.72	1.55	1.48	1.57
Linseed	1.14	1.19	1.12	0.96	1.04
Palm Kernel	1.31	1.28	1.43	1.47	1.68
Total	105.02	110.46	115.09	111.96	117.05
EXPORTS					
Soybean	23.14	25.96	25.10	25.50	26.69
Cottonseed	0.94	0.83	1.11	1.37	1.12
Rapeseed	1.82	1.69	1.89	2.53	2.14
Sunflowerseed	1.91	1.50	1.62	1.92	1.91
Fish	3.16	3.20	3.23	3.69	3.15
Peanut	0.53	0.69	0.69	0.84	0.73
Copra	1.34	1.25	1.05	0.89	1.05
Linseed	0.52	0.60	0.55	0.48	0.49
Palm Kernel	1.06	0.98	1.07	1.19	1.29
Total	34.40	36.69	36.31	38.39	38.56
IMPORTS					
Soybean	23.95	26.61	25.72	26.23	27.05
Cottonseed	0.94	0.82	1.02	1.33	1.06
Rapeseed	1.73	2.23	1.98	2.35	2.23
Sunflowerseed	1.89	1.65	1.75	1.83	1.87
Fish	3.19	3.15	3.20	3.54	3.47
Peanut	0.52	0.71	0.75	0.87	0.89
Copra	1.36	1.25	1.10	1.00	0.95
Linseed	0.60	0.66	0.67	0.58	0.57
Palm Kernel	1.02	1.02	1.22	1.22	1.26
Total	35.20	38.10	37.41	38.94	39.35
CONSUMPTION					
Soybean	61.81	67.63	67.62	65.29	69.48
Cottonseed	11.11	10.03	11.17	11.49	11.21
Rapeseed	10.11	11.57	12.68	12.21	12.52
Sunflowerseed	7.67	7.66	8.34	8.06	8.66
Fish	6.27	6.17	6.50	6.82	6.90
Peanut	4.24	4.37	4.52	5.38	5.06
Copra	1.95	1.78	1.59	1.52	1.52
Linseed	1.21	1.26	1.26	1.06	1.12
Palm Kernel	1.27	1.27	1.54	1.51	1.56
Total	105.64	111.76	115.21	113.34	118.04
ENDING STOCKS					
Soybean	2.86	3.07	3.66	3.02	2.87
Cottonseed	0.36	0.19	0.20	0.24	0.22
Rapeseed	0.28	0.36	0.51	0.41	0.37
Sunflowerseed	0.18	0.21	0.18	0.24	0.25
Fish	0.67	0.59	0.85	0.60	0.57
Peanut	0.02	0.09	0.07	0.05	0.04
Copra	0.09	0.03	0.05	0.12	0.07
Linseed	0.04	0.03	0.02	0.02	0.02
Palm Kernel	0.07	0.13	0.16	0.16	0.25
Total	4.57	4.69	5.68	4.84	4.64

Note: Totals may not add due to rounding. *Prelim. †Estimates, May 89/90. Source: Counselor and Attache Reports; Official Statistics USDA Estimates; USDA, Foreign Ag. Service, Oilseeds and Products Div.

WORLD MAJOR OILSEEDS: SUPPLY AND UTILIZATION
(Million Metric Tons)

	1985-86	1986-87	1987-88	1988-89*	1990-91†
PRODUCTION					
Soybean	97.05	98.08	103.67	95.35	106.73
Cottonseed	30.70	27.23	31.30	32.21	30.93
Peanut	19.99	20.38	20.86	23.36	22.02
Sunflowerseed	19.56	19.25	20.92	20.42	21.55
Rapeseed	18.70	19.55	23.44	22.53	21.67
Flaxseed	2.35	2.66	2.27	1.66	1.95
Copra	5.31	4.71	4.35	4.27	4.53
Palm Kernel	2.51	2.50	2.69	2.93	3.21
Total	196.16	194.36	209.49	202.74	212.59
EXPORTS					
Soybean	26.07	28.54	30.10	23.51	26.72
Cottonseed	0.28	0.24	0.32	0.29	0.29
Peanut	1.37	1.28	1.30	1.13	1.22
Sunflowerseed	1.98	1.81	2.22	1.78	1.51
Rapeseed	3.63	4.58	4.53	4.24	4.26
Flaxseed	0.67	0.79	0.69	0.52	0.54
Copra	0.44	0.32	0.26	0.29	0.30
Palm Kernel	0.12	0.12	0.12	0.16	0.08
Total	34.54	37.68	39.52	31.92	34.92
IMPORTS					
Soybean	27.58	29.21	29.09	23.81	26.10
Cottonseed	0.26	0.25	0.32	0.23	0.27
Peanut	1.26	1.27	1.24	1.23	1.25
Sunflowerseed	1.89	1.94	2.08	1.86	1.86
Rapeseed	3.65	4.92	4.39	4.39	4.33
Flaxseed	0.73	0.80	0.63	0.55	0.63
Copra	0.38	0.32	0.28	0.28	0.30
Palm Kernel	0.11	0.12	0.10	0.10	0.09
Total	35.85	38.82	38.11	32.45	34.82
CRUSH					
Soybean	77.46	85.45	85.19	80.99	86.90
Cottonseed	23.98	21.28	23.84	24.66	24.03
Peanut	10.46	10.89	10.88	13.08	12.03
Sunflowerseed	16.71	16.44	17.94	17.97	19.29
Rapeseed	16.99	18.44	21.05	20.35	20.52
Flaxseed	1.79	1.87	1.77	1.52	1.64
Copra	5.31	4.65	4.33	4.14	4.41
Palm Kernel	2.42	2.38	2.69	2.80	3.20
Total	155.11	161.40	167.69	165.51	172.01
ENDING STOCKS					
Soybean	23.20	19.72	19.74	17.79	20.05
Cottonseed	0.42	0.28	0.53	0.80	0.45
Peanut	0.64	0.67	0.68	0.63	0.52
Sunflowerseed	0.46	0.80	1.00	0.74	0.53
Rapeseed	1.27	1.04	1.24	1.59	0.91
Flaxseed	0.37	0.61	0.52	0.22	0.15
Copra	0.27	0.21	0.14	0.14	0.15
Palm Kernel	0.13	0.15	0.10	0.15	0.15
Total	26.75	23.47	23.94	22.07	22.91

Note: Totals may not add due to rounding. *Prelim. †Est., May 89/90. Source: Counselor and Attache Reports; Official Statistics USDA Estimates; USDA, Foreign Ag. Service, Oilseeds and Products Div.

**WORLD MAJOR VEGETABLE AND MARINE OILS:
SUPPLY AND UTILIZATION**
(Million Metric Tons)

	1985-86	1986-87	1987-88	1988-89*	1989-90†
PRODUCTION					
Soybean	13.85	15.20	15.24	14.55	15.62
Palm	8.06	7.96	8.36	9.42	10.37
Sunflowerseed	6.65	6.57	7.25	7.25	7.88
Rapeseed	6.23	6.85	7.76	7.55	7.59
Cottonseed	3.47	3.05	3.48	3.58	3.51
Peanut	2.96	3.10	3.10	3.74	3.44
Coconut	3.30	2.93	2.68	2.57	2.74
Olive	1.63	1.56	1.90	1.49	1.51
Fish	1.52	1.38	1.48	1.63	1.59
Palm Kernel	1.09	1.07	1.20	1.25	1.42
Linseed	0.60	0.64	0.61	0.52	0.56
Total	49.36	50.31	53.07	53.55	56.22
EXPORTS					
Soybean	3.15	3.90	3.84	3.80	4.04
Palm 1/	5.36	5.20	5.58	6.07	6.58
Sunflowerseed	2.19	1.79	2.18	2.27	2.27
Rapeseed	1.31	1.65	1.83	1.87	1.71
Cottonseed	0.35	0.24	0.39	0.36	0.37
Peanut	0.33	0.36	0.31	0.21	0.24
Coconut	1.61	1.49	1.38	1.18	1.51
Olive	0.37	0.55	0.46	0.47	0.46
Fish	0.85	0.76	0.76	1.04	0.92
Palm Kernel	0.67	0.69	0.74	0.85	0.86
Linseed	0.23	0.29	0.22	0.17	0.22
Total	15.42	16.89	17.68	18.29	19.18
IMPORTS					
Soybean	3.08	3.80	3.72	3.82	3.89
Palm 1/	5.42	5.04	5.63	5.99	6.52
Sunflowerseed	2.09	1.88	2.13	2.08	2.07
Rapeseed	1.20	1.41	1.48	1.55	1.40
Cottonseed	0.31	0.27	0.39	0.34	0.34
Peanut	0.30	0.33	0.36	0.32	0.31
Coconut	1.52	1.36	1.38	1.19	1.46
Olive	0.55	0.71	0.51	0.56	0.60
Fish	0.81	0.79	0.75	0.88	0.81
Palm Kernel	0.66	0.67	0.79	0.84	0.88
Linseed	0.20	0.27	0.22	0.20	0.19
Total	16.14	16.51	17.35	17.77	18.45

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**WORLD MAJOR VEGETABLE AND MARINE OILS:
SUPPLY AND UTILIZATION
(Million Metric Tons)**

	1985-86	1986-87	1987-88	1988-89*	1989-90†
CONSUMPTION					
Soybean	13.49	14.76	15.04	15.00	15.80
Palm	7.68	7.90	8.24	8.99	10.16
Sunflowerseed	6.45	6.59	7.19	7.02	7.65
Rapeseed	5.98	6.55	7.26	7.25	7.37
Cottonseed	3.44	3.15	3.46	3.55	3.51
Peanut	2.89	3.08	3.17	3.83	3.52
Coconut	3.04	2.82	2.68	2.60	2.80
Olive	1.77	1.89	1.77	1.78	1.81
Fish	1.45	1.52	1.45	1.45	1.54
Palm Kernel	1.05	1.02	1.25	1.29	1.38
Linseed	0.56	0.61	0.62	0.54	0.54
Total	47.79	49.89	52.11	53.29	56.08
ENDING STOCKS					
Soybean	1.65	1.99	2.07	1.64	1.31
Palm	1.46	1.37	1.54	1.89	2.04
Sunflowerseed	0.51	0.59	0.60	0.64	0.67
Rapeseed	0.33	0.39	0.54	0.52	0.42
Cottonseed	0.19	0.12	0.14	0.16	0.13
Peanut	0.07	0.06	0.04	0.06	0.04
Coconut	0.39	0.38	0.38	0.35	0.24
Olive	0.84	0.66	0.84	0.64	0.48
Fish	0.35	0.25	0.28	0.30	0.24
Palm Kernel	0.14	0.16	0.16	0.12	0.18
Linseed	0.04	0.05	0.03	0.04	0.04
Total	5.98	6.01	6.64	6.37	5.77

Note: Totals may not add due to rounding. *Prelim. †Estimates, May 89/90. 1/ Palm oil trade excludes transshipments through Singapore. Source: Counselor and Attache Report; Official Statistics USDA Estimates; USDA, Foreign Agricultural Service, Oilseeds and Products Division.

PRICES OF U.S. SOYBEAN OIL
Soy Oil, Domestic Crude: Average Cents Per Pound
In Tank Cars At Midwestern Mills
By Month, 1950/51 - 1989/90

CROP YEAR	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	*SEASON AVG
1950-51	14.6	17.1	19.6	20.6	21.1	20.5	20.5	19.5	16.4	14.5	15.4	14.0	17.8
1955-56	10.9	11.0	10.9	11.7	12.8	14.3	14.9	15.3	13.6	12.5	11.4	11.3	12.5
1960-61	9.4	10.2	10.0	10.9	12.2	13.3	13.3	12.7	13.6	10.9	10.9	10.5	11.3
1965-66	11.5	11.2	11.2	11.9	12.0	11.3	11.6	11.3	11.2	12.3	14.1	12.3	11.8
1970-71	14.0	13.9	12.4	12.3	12.1	12.2	11.2	11.4	12.8	14.5	14.5	12.8	12.8
1971-72	13.2	12.5	11.7	10.9	11.0	11.7	11.9	11.4	10.7	10.3	10.1	9.8	11.3
1972-73	9.6	9.6	9.7	10.1	13.0	13.9	15.0	17.1	19.3	22.4	33.5	24.3	16.5
1973-74	23.1	20.4	26.0	28.6	36.4	30.2	28.2	29.4	31.6	40.5	43.3	40.7	31.5
1974-75	42.3	40.4	38.0	33.6	29.4	29.1	28.2	23.6	23.3	27.5	28.5	24.4	30.7
1975-76	21.4	18.9	16.8	16.2	16.3	16.6	16.3	15.8	17.6	20.9	20.4	22.5	18.3
1976-77	20.7	21.8	21.0	20.9	22.4	26.5	29.6	31.3	28.3	23.8	21.1	19.2	23.9
1977-78	18.8	21.0	22.6	20.9	21.6	26.6	26.8	28.8	26.9	25.9	26.3	27.8	24.5
1978-79	26.7	23.7	25.3	25.8	27.3	26.9	26.7	27.8	27.4	29.1	29.2	30.0	27.2
1979-80	27.9	27.8	26.2	23.6	23.4	22.1	20.3	20.8	21.6	26.2	25.9	26.1	24.3
1980-81	25.1	26.7	23.7	23.0	22.0	23.1	23.4	21.6	21.3	22.8	20.8	19.4	22.7
1981-82	19.7	19.9	18.9	18.4	18.2	18.5	19.7	20.6	19.4	19.0	17.9	17.4	19.0
1982-83	17.4	17.6	16.6	16.4	17.3	17.7	19.3	19.8	19.4	21.6	30.2	34.3	20.6
1983-84	30.7	28.1	27.4	28.3	27.2	30.1	32.1	39.0	36.0	30.9	29.0	28.0	30.6
1984-85	30.6	31.9	28.4	28.0	29.6	31.4	33.6	32.5	32.5	29.1	24.1	22.5	29.5
1985-86	20.7	20.6	21.4	20.6	18.6	17.6	17.7	17.8	16.8	16.2	14.3	13.9	18.0
1986-87	14.6	14.9	14.9	15.6	15.4	15.2	15.3	16.2	16.0	15.4	15.2	15.6	15.4
1987-88	17.0	17.6	19.0	22.0	21.9	20.2	21.7	26.6	27.7	29.7	27.2	25.6	23.0
1988-89	23.4	21.6	22.2	21.1	21.2	22.1	22.0	22.2	20.8	19.7	18.1	18.7	21.1
1989-90	19.0	18.6	18.1	19.3	19.2 †								

*Simple average for months shown. †Prelim. Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 90), U.S. Department of Agriculture, Economic Research Service.

U.S. SOYBEAN OIL UTILIZATION 1960 - 1988 (Million Pounds)

Year Beginning October	Food				Nonfood				Total Domestic Util- ization
	Short- ening	Margarine	Salad Oils*	Other Edible	Total	Paint and Varnish	Resins and Plastics	Fatty Acids	Other Inedible†
1960	1,097	1,073	793	26	2,989	96	64	6	34
1965	1,739	1,241	1,200	38	4,218	100	104	—	59
1970	2,077	1,381	2,288	34	5,780	82	65	3	55
1975	2,416	1,691	3,274	24	7,405	94	66	23	24
1976	2,189	1,568	3,221	25	7,003	85	83	26	36
1977	2,433	1,592	3,808	29	7,862	87	79	42	33
1978	1,653	1,651	3,956	38	8,298	75	88	35	46
1979	2,658	1,648	4,153	35	8,493	52	80	21	52
1980	2,675	1,666	4,226	43	8,610	46	71	23	63
1981	2,990	1,723	4,367	51	9,131	39	94	22	49
1982	2,944	1,615	4,668	58	9,284	38	96	16	55
1983	3,207	1,494	4,442	102	9,245	39	110	21	61
1984	3,655	1,589	4,800	129	10,172	52	92	29	78
1985	3,587	1,640	4,919	102	10,248	45	100	27	80
1986	3,359	1,661	5,054	138	10,213	63	109	33	94
1987	3,627	1,628	5,043	130	10,429	54	106	D	75
1988	5,318	1,865	6,204	330	13,718	35	124	D	70

*Adjusted for exports of refined and further processed salad oil. Prior to January 1965 no adjustment made for exports of undeodorized hydrogenated oil. †Includes soap and miscellaneous. Sources: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 90), USDA, Economic Research Service. FATS & OILS, PRODUCTION, CONSUMPTION & STOCKS (88/89), Bureau of Census. (D) Data withheld to avoid disclosing figures for individual companies.

U.S. SOYBEAN OIL: SUPPLY, DISPOSITION AND PRICE 1960 - 1989

Year Beginning October	Supply			Disappearance			Price Per Pound (Tank Cars) Crude, Decatur (Cents)
	Production (Million Pounds)	Imports (Million Pounds)	Stocks October, 1 October, 1	Exports (Million Pounds)	Domestic (Million Pounds)	TOTAL (Million Pounds)	
1960	4,420	—	308	700 †	3,329	4,029	11.3
1965	5,800	—	297	923	4,687	5,635	11.8
1970	8,265	—	543	1,742	6,292	8,035	12.8
1975	9,630	—	561	976	7,906	8,940	18.3
1976	8,578	—	1,251	1,547	7,454	9,061	23.9
1977	10,288	—	771	2,057	8,273	10,410	24.6
1978	11,323	—	729	2,334	8,942	11,353	27.2
1979	12,105	—	776	2,690	8,981	11,722	24.3
1980	11,270	—	1,210	1,631	9,113	10,744	22.7
1981	10,979	—	1,736	2,077	9,535	11,612	19.0
1982	12,040	—	1,103	2,025	9,857	11,882	20.6
1983	10,872	—	1,261	1,824	9,588	11,412	30.6
1984	11,468	20	721	1,660	9,917	11,577	29.5
1985	11,617	8	632	1,257	10,053	11,310	18.0
1986	12,783	15	947	1,187	10,833	12,020	15.4
1987	12,974	196	1,725	1,873	10,930	12,803	22.7
1988	11,737	138	2,092	1,661	10,591	12,252	21.1
1989	12,320	15	1,715	1,500	11,500	13,000	18.7

†Includes estimates of foreign donations of fats and oils, not reported by census, 1960-64. ◊Forecast. Source: Official Statistics; OIL CROPS SITUATION & OUTLOOK REPORT, (Apr. 90), USDA, Economic Research Service.

U.S. EDIBLE FATS AND OILS: SUPPLY AND DISAPPEARANCE
1982 - 1989 (Million Pounds)

	1982	1983	1984	1985	1986	1987	1988	1989*
Stocks October 1								
Coconut	160	145	110	130	308	271	332	151
Corn 1/	53	89	71	75	120	109	111	99
Cottonseed	104	90	50	107	85	90	160	147
Lard	24	40	33	41	22	29	39	42
Palm	47	69	51	53	72	40	60	39
Peanut 2/	58	32	33	18	62	49	24	38
Soybean	1,103	1,261	721	632	947	1,725	2,092	1,715
Sunflower	95	95	13	66	54	112	156	82
Tallow, edible	47	49	40	62	41	35	57	36
Imports								
Peanut	—	—	—	0	2	33	2	2
Coconut	882	916	891	1,217	1,087	1,073	778	990
Palm	282	413	373	610	463	361	298	255
Production								
Corn	983	1,053	1,195	1,241	1,400	1,436	1,415	1,425
Cottonseed	1,134	777	1,174	1,070	781	1,204	1,243	1,073
Lard 3/	962	959	950	891	853	917	941	925
Peanut	107	120	187	258	144	168	250	159
Soybean	12,040	10,872	11,468	11,617	12,798	12,974	11,737	12,320
Sunflower	668	449	483	585	587	834	518	520
Tallow, edible	1,206	1,347	1,559	1,571	1,278	1,300	1,201	1,125
Exports								
Coconut	21	50	20	22	49	77	55	55
Corn	224	311	260	340	268	370	356	390
Cottonseed	546	303	433	442	193	409	406	360
Lard	95	78	99	112	101	120	127	100
Palm	4	29	0	0	0	0	4	4
Peanut	5	7	29	93	6	7	11	11
Soybean	2,025	1,823	1,660	1,257	942	1,873	1,661	1,500
Sunflower	505	414	287	452	344	702	467	420
Tallow, edible	95	59	40	63	59	112	247	300
Domestic disappearance								
Coconut	876	901	904	1,016	1,076	935	904	915
Corn	723	762	930	856	1,143	1,066	1,073	1,075
Cottonseed	604	532	684	650	573	750	850	770
Lard	851	891	840	798	744	787	811	830
Palm	256	402	370	590	507	341	315	255
Peanut	132	172	172	124	161	219	227	174
Soybean	9,857	9,589	9,917	10,053	10,833	10,930	10,591	11,500
Sunflower	95	117	143	144	185	88	125	130
Tallow, edible	1,110	1,308	1,486	1,530	1,243	1,184	981	830

*Forecast. 1/Includes 2 million pounds of imports each year. 2/August-July year beginning 1981.
3/Includes 1 million pounds of imports each year. Source: Bureau of Census.

U.S. SOYBEAN EXPORTS BY MONTH
(MILLION BUSHEL)
1953/54 - 1989/90

Year Beg. Sept.1	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	TOTAL
1953-54	1.1	5.8	10.1	7.7	3.7	2.5	1.7	3.2	1.6	1.0	1.0	0.7	40.1
1955-56	4.0	8.8	13.2	12.7	6.8	2.6	1.9	5.1	4.3	3.7	3.7	1.7	68.5
1960-61	8.2	14.1	22.7	20.6	9.1	10.2	8.5	7.7	11.4	7.7	7.7	7.0	134.9
1965-66	4.8	32.3	39.4	31.4	19.6	17.1	21.6	20.2	21.5	19.6	12.1	11.1	250.7
1970-71	29.9	44.0	45.3	46.9	35.1	33.0	35.1	32.8	30.2	34.9	34.4	31.3	432.9
1971-72	29.2	29.4	47.4	50.3	42.4	35.5	31.3	37.3	31.7	31.1	26.3	24.9	416.8
1972-73	15.0	54.3	61.2	49.1	47.7	54.7	59.1	45.5	41.0	26.5	14.2	11.0	479.3
1973-74	7.5	46.6	74.4	58.0	48.3	56.4	57.9	62.0	43.5	36.1	27.1	21.2	539.0
1974-75	22.9	32.2	63.2	41.4	50.0	33.3	38.4	35.8	25.1	14.0	31.0	33.4	420.7
1975-76	24.3	62.7	61.5	49.6	51.8	52.2	52.3	50.5	49.5	47.2	29.2	24.3	555.1
1976-77	22.2	60.1	67.4	56.7	50.9	59.9	58.4	57.0	55.1	31.0	27.2	18.1	564.0
1977-78	15.0	77.6	87.7	57.0	52.6	54.4	66.6	72.7	79.3	63.4	34.7	39.3	700.3
1978-79	38.0	87.5	101.7	70.6	77.0	53.2	83.6	67.8	47.0	41.0	32.7	39.7	739.8 *
1979-80	40.8	88.8	118.1	78.3	85.8	73.0	69.3	81.3	74.2	58.7	49.1	57.7	875.1
1980-81	41.4	60.3	75.0	74.5	71.7	55.5	103.2	60.0	69.6	41.8	29.6	41.8	724.4
1981-82	50.9	100.8	103.7	73.6	84.3	89.4	79.0	85.7	90.6	59.8	53.8	57.5	929.1
1982-83	58.0	94.4	93.6	90.1	86.3	87.2	84.4	73.3	58.5	67.7	51.6	60.2	905.3
1983-84	53.9	67.6	69.2	74.5	80.4	79.7	78.8	68.5	56.8	41.1	39.2	30.7	740.4
1984-85	19.0	40.9	93.5	84.8	70.3	72.6	59.8	60.4	33.1	18.2	19.2	26.3	598.1
1985-86	31.5	55.3	79.6	94.1	84.7	92.1	88.7	80.4	57.2	28.7	26.6	21.0	739.9
1986-87	30.2	89.7	96.6	89.0	71.6	73.8	67.8	54.0	37.5	38.0	54.2	54.5	756.9
1987-88	59.4	101.1	100.4	81.1	80.8	97.0	78.5	66.7	39.7	29.3	30.4	37.2	801.6
1988-89	26.8	50.2	61.2	69.2	66.6	56.8	67.9	41.3	23.6	31.6	16.7	18.5	530.6
1989-90	18.0	74.2	76.7	66.1	77.4	74.9 ◊							610.0 †

*Bureau of Census figure. USDA figure 753., based on inspections for export. Figures may be adjusted in the future. ◊ Preliminary. †Forecast. Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 90); US Dept. of Ag., Economic Research Service.

U.S. SOYBEAN EXPORTS BY PORT AND COUNTRY OF DESTINATION

January 1989 - December 1989 (1,000 Bushels)

Country	St. Lawrence Seaway	Lakes	Atlantic	Gulf	Pacific	Interior	TOTAL
Australia	—	—	—	525	—	—	2,672
Belgium	—	1,381	—	20,984	—	—	22,365
Brazil	—	—	—	2,314	—	—	2,314
Bulgaria	—	—	—	1,289	—	—	1,289
China (Taiwan)	—	—	—	31,309	31,804	—	63,113
Columbia	—	—	—	1,807	—	—	1,807
Costa Rica	—	—	—	2,225	—	—	2,225
Denmark	—	694	—	1,250	—	—	1,944
Dominican Republic	—	—	—	1,747	—	—	1,747
Egypt	—	—	138	1,274	—	—	1,412
France	—	—	—	6,062	—	—	6,062
Germany (Fed. Rep., W)	—	6,001	—	20,172	—	—	26,173
Greece	—	—	579	4,580	—	—	5,159
Honduras	—	—	—	563	—	—	663
Indonesia	—	—	—	2,478	2,668	—	5,146
Israel	—	—	—	11,335	—	—	11,335
Italy	—	—	2,319	3,101	—	—	5,420
Jamaica	—	—	539	1,953	—	—	2,492
Japan	—	246	24,008	99,677	1,410	18	125,359
Korea (Republic of, S)	—	—	—	27,551	4,043	—	31,594
Kuwait	—	—	—	598	—	—	598
Malaysia	—	—	—	576	1,698	—	2,274
Mexico	—	—	—	17,145	—	22,142	39,287
Morocco	—	479	—	323	—	—	802
Netherlands	3,341	4,116	—	94,689	—	—	102,146
Norway	—	678	—	5,484	—	—	6,162
Panama	—	—	—	43	—	—	43
Philippines	—	—	—	672	—	—	672
Portugal	—	3,175	—	8,459	—	—	11,634
Singapore	—	—	—	825	—	—	825
Spain	—	—	14,163	35,329	—	—	49,492
Trinidad	—	—	—	3,864	—	—	3,864
Turkey	—	—	—	553	—	—	553
United Kingdom	—	671	—	8,339	—	—	9,010
U.S.S.R.	2,169	—	—	8,727	—	—	10,896
Venezuela	—	—	—	2,717	—	—	2,717
Yugoslavia	—	—	—	4,528	—	—	4,528
Totals:							
Jan. 89-Dec. 89	5,510	17,441	41,746	435,167	41,623	22,160	563,647
Sep. 87-Aug. 88	0	34,928	34,756	675,014	31,640	21,990	798,328
Sep. 86-Aug. 87	4,574	37,194	23,039	658,916	18,248	23,361	765,332
Sep. 85-Aug. 86	4,757	20,980	63,212	613,808	18,807	16,699	738,263
Sep. 84-Aug. 85	5,878	21,984	65,748	453,753	23,859	23,647	594,869
*Shipments to Canada	0	0	0	0	0	0	7,931

*Not included in total. Grain shipped for storage in Canada is reported at time of shipment from St. Lawrence Seaway ports. Source: GRAIN & FEED MARKET NEWS (Mar. 1990), USDA, Agriculture Marketing Service.

U.S. EXPORTS: SOYBEANS

Volume of Exports by Country of Destination (in Metric Tons) and Total Value

Country or Region of Destination	1985	1986	1987	1988	1989*
North America:					
Canada	133,515	167,399	195,927	105,248	157,893
Mexico	962,929	823,086	1,042,633	1,215,887	974,076
Other	101,482	133,136	221,161	154,596	294,988
Total	1,197,926	1,123,621	1,459,721	1,475,731	1,426,957
South America:					
Brazil	194,820	325,118	450,198	31,501	62,999
Colombia	130,174	2,713	198,574	196,056	49,196
Equador	0	0	0	0	77
Peru	0	15,750	5,250	21,011	0
Venezuela	165,996	159,733	235,034	124,977	74,194
Other	0	245	0	5,085	1,164
Total	490,990	503,559	889,056	378,630	187,630
Europe & USSR:					
Belgium & Luxembourg	529,091	960,308	886,196	583,580	638,300
Czechoslovakia	13,209	0	0	0	0
Denmark	72,251	57,131	55,076	44,638	52,940
France	257,234	438,614	421,308	226,716	165,361
Germany, Fed. Rep. of	846,461	1,165,795	1,438,472	1,014,662	698,720
Germany, Dem. R.	0	12,216	0	0	0
Greece	205,541	207,004	215,722	226,610	146,870
Ireland	0	3,992	4,010	0	0
Italy	627,778	743,052	396,230	115,658	199,293
Netherlands	2,856,583	3,427,609	3,971,006	3,439,720	2,592,669
Norway	126,701	226,957	202,742	148,831	149,378
Poland	0	0	0	0	0
Portugal	517,653	537,822	611,395	356,856	314,916
Romania	97,504	238,904	407,916	237,923	0
USSR	0	1,518,594	221,334	750,276	296,576
Spain	1,185,643	1,783,812	1,724,804	1,153,273	1,350,229
Switzerland	4,285	6,236	4,762	2,098	18,636
United Kingdom	392,010	474,046	390,090	509,729	286,298
Yugoslavia	234,900	178,503	139,305	194,652	75,544
Other	31,766	50,300	45,117	85,570	35,092
Total	7,998,610	12,030,895	11,135,485	9,090,792	7,020,822
Middle East:	433,355	410,467	459,354	458,526	318,236
Africa	20,285	162,521	91,267	67,671	51,477
Asia					
China:					
P.R.C.	63,001	124,495	429,123	0	0
Taiwan	1,358,092	1,735,037	1,871,800	1,794,231	1,683,382
India	0	0	0	25,000	0
Indonesia	51,871	52,828	125,888	207,650	140,027
Japan	4,297,265	4,225,283	3,928,901	3,707,693	3,284,651
Korea, Rep. of	827,792	1,012,712	1,139,543	1,012,575	828,457
Pakistan	0	0	0	0	0
Other	0	14,275	30,659	47,439	104,563
Total	6,598,021	7,164,630	7,525,914	6,794,588	6,041,080
Australia & Oceania:	40	10	31,645	62,971	14,694
Other Unidentified:	149,976	0	0	0	0
GRAND TOTAL†	16,889,203	21,395,703	21,592,442	18,328,909	15,060,896
VALUE OF EXPORTS;					
 Total (Mil. \$)	3,728	4,326	4,378	4,920	3,944

*Prelim. †Includes Canadian transshipments. Source: Bureau of the Census; Foreign Ag. Trade of the U.S., by the Commodity & Trade Analysis Branch, Economic Research Service, Commodity Economics Div.

Tables & Graphs

U.S. EXPORTS: SOYBEAN OILSEED CAKE & MEAL†

Volume of Exports by Country of Destination (in Metric Tons) and Total Value

Country or Region of Destination	1985	1986	1987	1988	1989*
North America:					
Canada	492,841	678,097	745,621	706,539	492,344
Mexico	82,174	108,008	50,561	332,299	241,225
Other	264,256	214,180	263,284	298,268	203,074
Total	839,271	1,000,285	1,059,466	1,337,106	936,643
South America:					
Brazil	0	0	0	0	0
Colombia	6,797	0	0	10,456	0
Ecuador	0	0	0	0	0
Peru	26,523	51,321	63,655	58,110	0
Venezuela	729,210	446,561	695,475	851,346	283,783
Other	15,690	10,711	3,263	240	0
Total	778,220	508,593	762,393	920,152	283,783
Europe & USSR:					
Belgium & Luxembourg	0	0	44,128	0	0
Czechoslovakia	0	0	0	0	0
Denmark	0	9,944	5,124	0	0
France	0	37,235	40,985	23,845	0
Germany, Fed. Rep. of	336,567	484,259	711,206	169,420	0
Germany, Dem. R.	47,250	116,447	26,249	0	0
Greece	13,283	14,972	19,131	0	41,721
Ireland	6,717	19,910	28,221	29,563	5,696
Italy	556,003	878,163	726,768	543,572	174,435
Netherlands	1,030,539	1,146,444	764,009	508,523	119,427
Norway	0	0	0	0	0
Poland	80,601	0	26,907	0	0
Portugal	0	22,997	35,167	14,269	0
Romania	24,234	26,249	10,997	19,800	0
USSR	0	0	270,881	1,121,971	1,417,887
Spain	125,714	117,009	98,311	71,193	46,958
Switzerland	0	0	0	0	0
United Kingdom	13,904	67,358	83,556	29,633	20,630
Yugoslavia	59,399	118,436	96,996	93,229	33,293
Other	113,337	104,851	71,923	32,709	0
Total	2,407,548	3,164,274	3,060,559	2,657,727	1,860,047
Middle East:	336,649	369,692	438,458	548,674	544,750
Africa	121,612	397,301	394,112	629,370	561,682
Asia					
China:					
P.R.C.	0	0	3,456	0	26,248
Taiwan	0	0	0	84	76,400
India	0	0	0	0	0
Indonesia	0	206,640	0	0	0
Japan	6,149	52,518	21,109	32,986	10,845
Korea, Rep. of	20,382	21,997	48,193	0	0
Pakistan	4,622	0	0	1,067	3,998
Other	170,446	199,659	96,265	110,567	46,049
Total	201,599	480,814	169,023	144,704	163,540
Australia & Oceania:	26,998	39,380	37,191	44,674	19,892
GRAND TOTAL	4,711,897	5,960,339	5,921,202	6,282,407	4,370,337
VALUE OF EXPORTS;					
 Total (Mil. \$)	870	1,229	1,211	1,580	1,136

†Includes soybean flour and meal. *Prelim. Source: Bureau of the Census; Foreign Ag. Trade of the U.S., Commodity & Trade Analysis Branch, Economic Research Service, Commodity Economics Div.

U.S. EXPORTS: SOYBEAN OIL†

Volume of Exports by Country of Destination (in Metric Tons) and Total Value

Country or Region of Destination	1985	1986	1987	1988	1989*
North America:					
Canada	7,425	6,710	6,095	6,741	6,117
Mexico	37,580	38,333	20,756	16,402	14,058
Other	82,094	53,780	84,418	37,844	63,058
Total	127,099	98,823	111,269	60,987	83,233
South America:					
Brazil	9	0	0	0	179
Colombia	10,974	7,200	373	10	204
Equador	40,152	10,304	18,868	29,835	30,557
Peru	10,966	1,644	909	2,491	1,820
Venezuela	23,660	16,846	15,121	5,702	33,252
Other	2,872	2,154	2,791	2,514	1,357
Total	88,633	38,148	38,062	40,552	67,369
Europe & USSR:					
Belgium & Luxembourg	66	0	0	0	0
Czechoslovakia	0	0	0	0	0
Denmark	0	0	2	0	0
France	0	0	168	84	0
Germany, Fed. Rep. of	537	1	178	719	34
Germany, Dem. R.	0	0	0	0	0
Greece	0	0	0	0	0
Ireland	0	0	0	0	0
Italy	0	0	0	18	104
Netherlands	56	0	1,490	3	1,030
Norway	0	0	0	41	0
Poland	4,139	4,230	1,230	0	0
Portugal	0	0	0	0	0
Romania	0	0	0	0	0
USSR	39,500	0	0	0	0
Spain	1	0	32	0	0
Switzerland	0	2	0	0	0
United Kingdom	27	68	71	469	0
Yugoslavia	0	0	0	0	0
Other	16	15	12	28	10
Total	44,342	4,316	3,183	1,362	1,178
Middle East:	2,192	1,012	6,406	17,556	2,799
Africa	118,130	68,019	139,997	157,406	184,589
Asia					
China:					
P.R.C.	21	0	0	0	0
Taiwan	0	52	20	44	75
India	20,795	36,495	59,340	147,987	18,000
Indonesia	24	365	134	123	64
Japan	1,218	724	924	465	595
Korea, Rep. of	4	142	21	25	56
Pakistan	172,561	261,174	236,675	425,350	337,128
Other	10,644	30,431	33,725	23,587	5,284
Total	205,267	329,383	330,839	597,581	361,202
Australia & Oceania:	628	755	209	48	72
GRAND TOTAL	586,289	540,456	629,965	875,492	700,442
VALUE OF EXPORTS;					
 Total (Mil. \$)	432	253	263	477	359

†Crude and refined oil combined as such, excluding partially hydrogenated soybean salad oil. Includes shipments under P.L. 480 as reported by census. *Prelim. Source: Census Bureau; Fgn. Ag. Trade of the U.S., by the Commodity & Trade Analysis Branch, Econ. Research Service, Commodity Econs. Div.

U.S. EXPORTS: SOYBEAN OIL

P.L. 480, Title I and III

Volume (in Metric Tons) and Volume (in \$1,000) By Country of Destination

Country	FY 1985		FY 1986		FY 1987		FY 1988		FY 1989	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Bangladesh	14,300	\$10,000	25,000	\$10,000	27,700	\$10,000	17,200	\$10,000	—	—
Costa Rica	—	—	—	—	—	—	—	—	—	—
Dominican Rep.	27,500	18,300	17,500	5,800	57,700	20,100	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	34,300	17,000
El Salvador	—	—	25,600	11,500	3,500	1,700	—	—	20,900	11,000
Ghana	—	—	—	—	—	—	—	—	4,800	3,500
Guatemala	6,600	5,800	12,600	5,000	6,800	2,500	—	—	—	—
Guinea	—	—	—	—	—	—	—	—	—	—
Guyana	—	—	—	—	1,100	700	—	—	—	—
Haiti	4,000	3,000	12,100	5,000	9,200	4,000	—	—	—	—
Jamaica	6,200	4,500	—	—	700	400	—	—	—	—
Madagascar	—	—	7,000	4,000	12,400	6,000	—	—	—	—
Maldives	6,000	5,000	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	56,800	21,000	27,000	16,000	46,200	25,000
Pakistan	84,300	59,400	126,400	50,000	137,600	50,000	137,800	80,000	156,300	80,000
Peru	13,600	8,000	—	—	—	—	—	—	—	—
Somalia	8,500	8,000	13,900	7,700	—	—	—	—	—	—
Tunisia	—	—	—	—	—	—	—	—	—	—
Zambia	8,800	5,000	12,900	5,000	—	—	6,800	4,000	7,900	4,000
Total	179,800	\$127,000	253,000	\$104,000	313,500	\$116,400	188,800	\$110,000	270,400	\$140,500

Source: Bureau of the Census; U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

U.S. EXPORTS
SOYBEAN, COTTONSEED AND SUNFLOWERSEED OILS
 U.S. Commercial and P.L. 480 Exports
 Volume of Exports by Country of Destination and Total Value
 (Year Beginning in October)

Country or Region of Destination	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
	(Thousand Metric Tons)					
North America:						
Canada	20	24	15	15	16	20
Mexico	93	92	190	50	56	62
Total	113	116	205	65	72	82
Caribbean:						
Haiti	13	17	9	15	3	3
Dominican Republic	43	53	18	52	39	15
Other	15	15	5	11	5	8
Total	71	85	32	78	47	26
Central America:						
Guatemala	10	28	21	32	13	11
El Salvador	20	19	32	18	34	24
Panama	16	9	3	3	4	7
Other	10	10	7	1	3	2
Total	56	66	63	54	52	44
South America:						
Columbia	25	22	9	2	—	—
Venezuela	156	175	115	110	79	100
Ecuador	41	45	31	22	19	31
Peru	25	12	9	1	1	3
Others	3	35	2	0	3	1
Total	250	289	166	135	103	135
European Community:	28	18	18	7	33	14
Other Western Europe:	—	—	4	1	9	—
East Europe & USSR:						
Poland	10	6	3	2	0	0
Soviet Union	0	8	0	0	0	0
Yugoslavia	0	—	9	0	0	0
Total	10	14	12	2	0	0
Middle East:	9	10	19	49	111	21
North Africa:						
Morocco	2	4	4	60	36	80
Algeria	9	—	—	0	71	54
Tunisia	0	0	0	0	62	12
Egypt	90	65	43	2	54	89
Total	102	69	47	62	223	235
Other Africa:	67	110	60	63	64	45

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U.S. EXPORTS
SOYBEAN, COTTONSEED AND SUNFLOWERSEED OIL
 U.S. Commercial and P.L. 480
 Volume of Exports by Country of Destination and Total Value
 (Year Beginning in October)

Country or Region of Destination	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
	(Thousand Metric Tons)					
South Asia:						
India	169	62	38	47	172	28
Pakistan	200	168	275	147	397	453
Bangladesh	15	14	14	37	17	0
Other	1	1	5	0	1	0
Total	385	245	328	231	587	481
Other Asia:						
Thailand	6	9	4	1	—	1
Singapore	3	—	—	—	—	—
Philippines	3	3	3	6	7	4
China, P.R.C.	—	—	—	—	—	—
Korea	3	3	4	6	12	20
Japan	37	35	35	30	36	42
Other	2	5	—	2	1	—
Total	54	55	46	45	56	67
Australia & Oceania:	2	2	1	—	—	—
GRAND TOTAL	1,148	1,079	976	792	1,354	1,150
Total Soybean Oil Exports	823	753	570	538	850	754
P.L. 480 Title I	111	175	253	314	189	270
P.L. 480 Title II	142	124	102	65	83	113
Commercial, including CCC programs	570	454	215	159	578	371
Value of Soybean Oil Exports						
Total (Thousand \$)	\$617,286	\$558,195	\$291,755	\$222,944	\$436,813	\$404,369
Per Pound (cents)	34	34	23	19	23	24
Total						
Cottonseed Oil Exports	137	196	201	98	185	184
P.L. 480 Title I	3	23	47	14	47	57
Value of						
Cottonseed Oil Exports						
Total (Thousand \$)	\$97,048	\$137,517	\$108,327	\$47,204	\$94,587	\$93,573
Per Pound (cents)	32	32	24	22	23	23
Total						
Sunflowerseed Oil Exports	188	130	205	156	319	212
P.L. 480 Title I		6	7	4	64	3
Value of						
Sunflowerseed Oil Exports						
Total (Thousand \$)	\$127,340	\$89,038	\$109,551	\$67,093	\$145,914	\$107,846
Per Pound (cents)	31	31	24	19	21	23

Note: Figures may not total due to rounding. (—) denotes less than 500 metric tons. All figures rounded to nearest 1,000 metric tons. Source: U.S. Bureau of Census, U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

U.S. EXPORTS SOYBEAN and COTTONSEED OILS
U.S. Commercial and P.L. 480 Exports
1950 - 1989 (Million Pounds)

Year Beg. Oct.	Commercial				P.L. 480			GRAND TOTAL	% P.L. 480
	Barter	CCC Credit	Other†	Total	Title I*	Title II*	Total		
SOYBEAN OIL									
1950	—	—	490	490	—	—	—	490	—
1955	—	—	274	274	282	—	282	556	51
1960	—	—	283	283	417	21	438	721	61
1965	176	21	182	379	324	220	544	923	59
1970	599	209	131	939	564	239	803	1,742	46
1975	—	—	779	779	182	15	197	976	20
1976	—	159	1,025	1,184	278	86	364	1,548	24
1977	—	154	1,531	1,685	368	4	372	2,057	18
1978	—	417	1,591	2,009	112	214	326	2,335	14
1979	—	214	1,996	2,210	240	240	480	2,690	18
1980	—	185	850	1,035	299	297	596	1,631	37
1981	—	355	1,176	1,531	352	194	546	2,077	26
1982	—	747	675	1,442	365	238	603	2,045	30
1983	—	214	1,043	1,257	244	313	557	1,814	31
1984	—	288	714	1,002	385	273	658	1,660	23
1985	—	231	546	777	253	227	480	1,257	38
1986	—	390	84	474	558	225	783	1,257	62
1987	—	121	229	350	692	143	835	1,185	70
1988	—	804	473	1277	414	183	597	1,874	32
1989	—	449	369	818	595	249	844	1,662	51
COTTONSEED OIL									
1950	—	—	57	57	—	—	—	57	—
1955	3	—	306	309	290	6	296	605	49
1960	—	—	287	287	68	14	82	369	22
1965	51	—	154	205	65	2	67	272	25
1970	186	22	153	361	9	1	10	371	3
1975	—	—	507	507	—	—	—	507	—
1976	—	—	690	690	—	—	—	690	—
1977	—	—	758	758	—	—	—	758	—
1978	—	—	650	650	11	—	11	661	2
1979	—	—	702	702	26	—	26	728	4
1980	—	—	702	702	8	—	8	710	1
1981	—	—	800	800	47	—	47	847	6
1982	—	—	511	511	35	—	35	546	6
1983	—	—	296	296	7	—	7	303	2
1984	—	—	382	382	50	—	50	432	11
1985	—	—	395	395	47	—	47	442	11
1986	—	—	340	340	104	—	104	444	23
1987	—	—	185	185	31	—	31	216	14
1988	—	2	304	306	103	—	103	409	14
1989	—	—	281	281	125	—	125	406	31

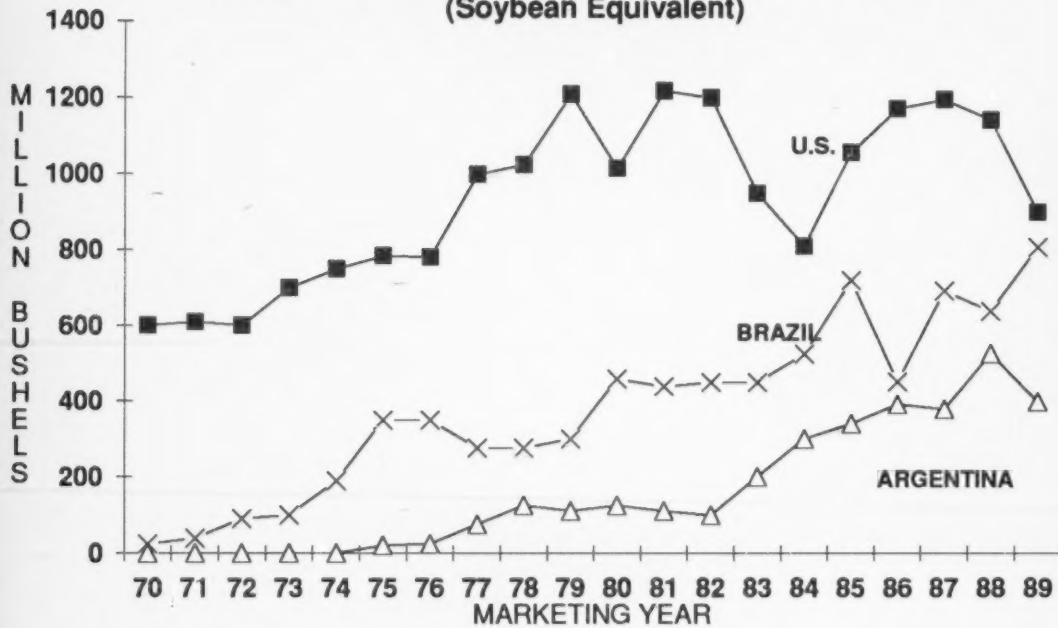
†Includes dollar financing by AID. *Includes all sales programs, i.e., foreign currencies, relief agencies and disaster and other relief by AID. Source: Total exports as reported by Bureau of Census. Breakdown between dollars and P.L. 480 from USDA, Foreign Agricultural Service, Oilseeds and Products Division.

BRAZILIAN EXPORTS
SOYBEANS AND PRODUCTS TO MAJOR COUNTRIES
 (Thousand Metric Tons)

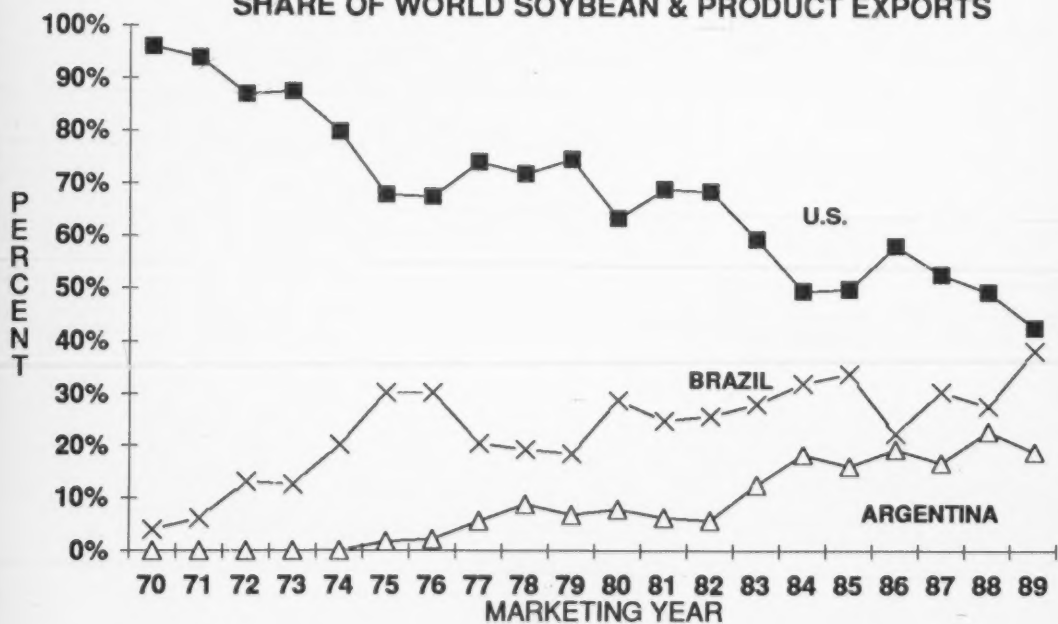
	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Soybeans										
European Community	376	574	185	18	416	656	2,262	1,001	2,354	1,992
Other Western Europe	155	770	530	27	536	529	709	5	49	53
Eastern Europe*	45	118	497	255	128	0	72	56	286	10
Central & So. America	1	45	224	187	121	354	78	10	5	4
Other	61	42	14	14	94	22	371	128	330	538
Total	638	1,549	1,450	501	1,295	1,561	3,492	1,200	3,024	2,597
Soybean Meal										
European Community	3,418	4,325	5,285	4,347	4,711	4,141	6,283	5,260	3,952	5,689
Other Western Europe	188	141	67	86	364	564	785	8	0	12
Asia	530	754	911	891	777	455	290	409	121	58
Eastern Europe†	982	1,333	2,482	2,306	2,482	2,322	1,090	1,192	2,933	1,782
Other	53	29	144	170	162	116	152	94	796	588
Total	5,171	6,582	8,889	7,800	8,496	7,598	8,600	6,963	7,802	8,129
Soybean Oil										
Bangladesh	0	12	7	0	0	3	3	13	14	15
Chile	16	10	18	18	54	70	66	2	2	3
Colombia	0	0	39	11	22	3	0	0	0	0
India	240	250	561	320	468	397	311	99	254	59
Iran	68	218	228	257	248	188	200	94	319	189
Morocco	6	0	12	36	19	10	16	3	11	6
Netherlands	19	35	55	10	64	27	31	9	22	54
Pakistan	93	61	53	32	37	50	0	—	9	0
People's Rep. of China	46	21	24	25	0	0	0	89	149	96
Peru	—	4	21	9	0	2	—	0	0	0
Tunisia	5	3	—	0	0	4	8	0	0	0
Turkey	0	0	0	3	6	0	8	7	7	3
USSR	17	32	75	74	54	73	153	20	60	2
Other	24	98	188	54	99	101	158	60	142	252
Total	534	744	1,281	849	1,071	928	954	396	989	679

*Includes soybean exports to the Soviet Union. †Includes soybean meal exports to the Soviet Union. — Less than 500 MT. Source: Official Statistics; U.S. Department of Agriculture, Foreign Ag. Service, Oilseeds and Products Div.

SOYBEAN & PRODUCT EXPORTS BY MAJOR COUNTRIES (Soybean Equivalent)



SHARE OF WORLD SOYBEAN & PRODUCT EXPORTS



— Notes/Calculations—

Soya Glossary Standards & Specifications Soya Technical Charts

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Commonly Used Soya Terms Page 328

•Standards & Specifications

National Oilseed Processors Association (NOPA)
Yearbook and Trading Rules, 1989-1990 332

Association of American Feed Control Officials, Inc. (AAFCO)
AAFCO Official Publication 1990 333

United States Department of Agriculture
Official United States Standards for Grain 1989 335

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Soya Glossary

Acidulated Soybean Soapstock - The product that results from the complete acidulation of soybean soapstock. Contract grade should contain not less than 85% total fatty acid.

Amino Acids - Chief components and determinants of the characteristics of a protein; the building blocks of living tissues. Eighteen different amino acids commonly occur in our food supply and eight are considered essential because the body cannot make them.

Break Material - Flocculent material (precipitate) that appears in and can be separated from crude soy oil that has been rapidly heated to temperatures between 250°C and 300°C (482°F and 572°F). It is very high in ash content, rich in phosphorus, calcium and magnesium. It is presumed to be derived from phospholipids which are thermally decomposed at these high temperatures. Break material is sometimes referred to as "foots".

Cold Pressed Soy Oil - Soy oil produced from undamaged, mature, cleaned yellow soybeans by mechanical processing without application of heat, and then filtered. Such oil is usually sold in health food stores.

Crude Soy Oil - Sometimes referred to as crude raw soybean oil; the unrefined oil produced by any one of the procedures described for the extraction of oil from soybeans. It is customary to filter the oil and/or allow it to settle after being processed from the soybeans as required by the standard trade specifications. Crude soy oil is a mixture of triglycerides composed of unsaturated fatty acids (oleic, linoleic, linolenic) and saturated fatty acids, together with usually not more than 1.5% of free fatty acids and from 1.8% to 3.2% of phospholipids, depending on the quality and kind of soybeans and the procedure used in processing.

Defatted Soy Flour - Flour produced by the nearly complete removal of the oil from soybeans by the use of hexane or other homologous hydrocarbon solvents; usually contains about 1% fat.

Degummed Soy Oil - Sometimes referred to as crude degummed soy oil; The product resulting from washing crude soy oil with water and/or steam or another degumming agent for a specified period of time and then separating the oil-and-water mixture, usually by centrifugation, to remove the phosphatides. It shall not contain more than 0.02% of phosphorus without a discount penalty.

Edible Crude Soy Oil - Soy oil which shall be of any of the following designated types produced from mature yellow soybeans: (1) expeller pressed, (2) expeller pressed degummed, (3) hydraulic pressed, (4) hydraulic pressed degummed, (5) solvent extracted, (6) solvent extracted degummed and (7) mixtures of any of the above-described types. When the oil is produced by solvent extraction, the name of the solvent used in the process must be given.

Edible Refined Soy Oil - Crude or degummed soy oil which has been subjected to special refining processes to adapt it specifically for use in food products. In addition to treatment with alkali, bleaching, partial hydrogenation, the oils may be also winterized. These oils are further classified as salad oils, cooking oils or shortening.

Full-Fat Soy Flour - Flour containing all of the oil originally present in the raw soybeans; usually 18 to 20%.

Fully Refined Soy Oil - The edible oil produced from crude or degummed soy oil which has been treated with dilute alkali solution (caustic refining) or neutralization, treated with absorbent clay

materials (bleaching) and subjected to steam distillation at high temperatures under vacuum (deodorizing). Such oil may also be produced by a process called physical (steam) refining which consists of degumming, bleaching and neutralization by final step of deodorizing.

High-Fat Soy Flour - Flour produced by adding back soy oil and/or lecithin to defatted soy flour to a specified level, usually in the range of 15%.

Hydrogenated Soy Oil - During the process of hydrogenation, the soy oil is exposed to hydrogen gas in the presence of heat and a catalyst (nickel, copper chromite) and the hydrogen combines with certain of the chemical components (unsaturated fatty acids) of the triglycerides with a resultant increase in the melting point of the oil; sometimes referred to as "hardening."

Isolated Soy Protein - Protein which has been greatly concentrated from its native location by chemical or mechanical means. It is produced by extracting white flakes or flour with water or a mild alkali. Isolate generally has a protein content of 90%.

Lecithinated Soy Flour - A type of low-fat or high-fat soy flour in which lecithin is added to defatted soy flour to a specified level, usually in a range up to 15%.

Low-fat Soy Flour - Flour produced either by partial removal of the oil from soybeans or by adding back soy oil and/or lecithin to defatted soy oil to a specified level, usually in the range of 5% to 6%.

Meat Analogs - Material usually prepared from vegetable protein to resemble specific meats in texture, color and flavor.

Meat Extenders - Use of soy or other vegetable proteins as partial substitutes for meat in processed items such as patties, chili, casseroles, etc.

Miso - A fermented, whitish-brown to brown paste made from soaked, steam-heated soybeans which are inoculated with cultures of microorganisms grown on rice or barley and then allowed to ferment. One method of fermentation is called the "natural brewing process" in which the soybeans are allowed to ferment for approximately 9 months; the other method is known as "the quick brewing process" in which the miso is produced in a short time by reducing the length of time for processing (heating) the soybeans and the fermentation. A sweet type or a salty type may be produced. Miso can be used as a soup base or as a seasoning for meat, vegetables or tofu.

Once Refined Soy Oil - Oil produced from crude soy oil which has been subjected only to the dilute alkali solution (refining) treatment or a comparable chemical treatment.

Protein - A naturally occurring combination of amino acids, containing carbon, hydrogen, oxygen, nitrogen and usually sulphur. Protein is one of the essential constituents of all living things and of the diet of animal organisms.

Soy Grits and/or Flour - The ground, screened, graded product obtained after extracting most of the oil from selected, sound, clean, dehulled soybeans. They are produced from grinding the defatted soy flakes. Grits are coarser ground than soy flour. Protein range is 40% to 60%.

Soy Protein Concentrate - Produced from defatted soybean flakes or flour by a process which immobilizes the protein and removes soluble sugars, mineral, etc. Concentrate has a protein content of 70%.

Soy Sauce (Shoyu) - A seasoning sauce of soybean protein mixed with wheat flour, resulting from the action of molds, yeasts and bacteria as prepared by the Oriental method. The fermentation or enzymatic action is permitted to progress for up to one and a half years, at which time the extract is heated and processed to produce the liquid for edible purposes. Soy sauce may also be prepared by chemical (acid) hydrolysis of soybean protein. It is used as a seasoning in the preparation of foods and as a table condiment.

Soybean(s) - A legume, the botanical name of which is *Glycine max* (L.) Merrill; a summer annual varying in height from less than a foot to more than 6 feet and in habit of growth from stiffly erect to

Commonly Used Soya Terms

prostrate; the cultivated plant may reach a height of 3 feet or more. The seeds (soybeans) are borne in pods that grow in cluster of three to five with each pod usually containing two or three or more seeds. The oil content of the soybean varies from 13% to 26% (average 18% to 22%) and from 38% to 45% protein (on a moisture-free basis.) Soybeans were grown for centuries in the Orient and first introduced to the United States early in the 19th century. Soybeans grow best in areas having hot, damp summer weather but they can be grown under a great variety of climatic conditions. The term "soybean" has been accepted as standard in the United States in preference to "soya bean," "soy bean," "soya-bean," or "soja bean." It is incorrect to use the terms "beans" when referring to soybeans.

Soybean Cake - Product resulting from the extraction of part or all of the oil by pressure or solvents from soybeans, sold according to its protein content and further described by its process of manufacture. (For more information see **NOPA Standard Definitions**, immediately following this section.)

Soybean Extraction/Processing - The procedures involved in the separation of the oil and the protein meal; also called "crushers" or oil mill operations. There are two types of processes presently used in the United States for this purpose:

(1) **Solvent Extraction** - The process whereby the oil is leached or washed (extracted) from flaked soybeans by the use of commercial hexane as the solvent. The level of oil in the extracted flakes can be reduced to 1% or less by this processing method. The products resulting from the use of this process are designated in the trade as "solvent extracted," e.g. "solvent extracted soybean meal," "dehulled solvent extracted soybean meal," "solvent extracted soy grits", "solvent extracted soy flour." Practically all soybeans processed in the United States are processed by the solvent extraction system.

(2) **Continuous Pressing** - A continuous pressing process, at elevated temperatures, using expellers or screw presses which utilize a worm shaft continuously rotating within a pressing cylinder or cage to express the oil from soybeans after they have been ground and properly conditioned. The oil content of the resulting press cake is reduced to from 4% to 6% by this processing method. Although technically incorrect, the products resulting from this type of processing are often referred to as "expeller," e.g. "expeller soybean meal." (The term "Expeller" applies specifically to the screw press manufactured by Anderson IBEC of Strongsville, Ohio, whereas the screw press manufactured by the French Oil Mill Machinery Co. of Piqua, Ohio, is designated as a "mechanical screw press.")

A third type of processing, called **Batch Pressing**, is not used at present in the United States to any appreciable extent but is used in some parts of the world for recovering the oil from soybeans and other oil-bearing materials. It is the oldest process known to the vegetable oil processing industry. It consists of an intermittent pressing operation carried out at elevated temperatures in a mechanical or hydraulic press after the soybeans have been rolled into flakes and properly conditioned by heat treatment.

Soybean Fatty Acids - The product obtained when glycerine is split off from the triglycerides in soy oil by any method of hydrolysis. In the field of industrial usage, soybean fatty acids are usually further classified according to the treatment to which they are subjected subsequent to hydrolysis.

Soybean Meal - Ground soybean cake, ground soybean chips or ground soybean flakes, sold according to its protein content and further described by its process of manufacture. Typical composition: protein 44.0% minimum, fat 0.5% minimum, fiber 7% minimum and moisture 12.0% maximum. (For more information see **NOPA Standard Definitions**, immediately following this section.)

Soybean Lecithin - The mixed phospholipids product obtained from soy oil by the degumming process, contains lecithin, cephalin and inositol phosphatides, together with glycerides of soy oil and traces of tocopherols, glucosides and pigments. It is designated and sold according to conventional descriptive grades with respect to consistency and bleaching. The dehydrated emulsion of mixed phosphatides and soy oil is further processed to produce the commercial grades which may be described as follows: plastic or firm consistency; soft consistency; fluid; unbleached; bleached; and double bleached. High quality commercial lecithin contains 60% to 65% phosphatides.

Soybean Processor - An individual, or a group of two or more individuals working together as a company or firm whose primary business is the separation of the oil and meal in soybeans. The activities of a processor may also include refining and/or distribution of the oil as well as distribution of the soybean meal or soy protein.

Soybean Soapstock - The by-product that results from the alkali refining of soy oil; averages about 6% of the volume of crude oil refined. It is sometimes referred to as "foots" since it accumulates at the bottom (foot) of the refining tank. Contract grade should contain not less than 30% total fatty acid.

Soyfoods - Term for edible (primarily for human consumption) soy-based products. These include traditional soyfoods such as tofu, soymilk, tempeh, soy sauce etc.; soy protein products produced after processing (as described above) such as soy flour, soy concentrates and isolated soy proteins; soy oil products such as refined soy oil, hydrogenated soybean oil and soybean lecithin; and other edible by-products such as soybean hulls and soy fiber. Also, "second generation" soyfoods, a term to describe consumer oriented products that use a soyfood as a primary ingredient, such as tofu or soymilk-based nondairy frozen desserts or tofu-stuffed ravioli.

Soymilk - A protein-rich, milk-like liquid obtained from the soaking and grinding of whole soybeans with water or hydrating whole, full-fat soy flour; cooking the resultant slurry, and filtering all or part of the soy pulp or fiber from the cooked liquid. Soymilk prepared in this manner can be used to make tofu, drunk as is, or sweetened and flavored as a beverage.

Soynuts (Whole soybean snacks) - Roasted whole soybeans. Oil roasted and dry roasted. Available plain, whole or crumbled; and flavored with a confectionery or seasoning coating.

Technical Grade Refined Soy Oil - Includes a wide variety of soy oils that are specially refined and further processed to meet requirements and/or specifications for a definite industrial use.

Tempeh - A soyfood product developed in Indonesia in which soybeans are soaked overnight and then cooked for a short time; the cooked soybeans are inoculated with the fungus *Rhizopus oryzae* and allowed to stand for 24 hours at 88°F (31°C) to permit optimum growth of the mycelium of the organism. The finished product resembles a pressed soybean cake. Tempeh can be eaten as is or cooked by frying or roasting.

Textured Vegetable Protein - Soy or other vegetable protein that has texture imparted by spinning a fiber and combining the fiber in layers to achieve the desired texture, or by a thermoplastic extrusion process.

Toasting - The term commonly but erroneously applied to the processes (moist) of cooking soybean meal, flour or grits by atmospheric or pressure methods for the purpose of increasing the protein efficiency of these soy products or improving their functional properties and/or improving physical texture.

Tofu - A cheese-like product made from soymilk. The protein is precipitated from the soymilk by the use of calcium sulfate, magnesium chloride (nigari), calcium chloride or other comparable coagulating agent and then placed into forming boxes or final package as in "silken tofu". Weight may or may not be applied to the tofu to help in the removal of whey. After solidification and cooling, the tofu is cut into appropriate sized pieces for packaging. Typical tofu can have a protein content ranging from 6 to 14 percent and contains from 79 to 88 percent moisture. Tofu can be eaten as is, cooked by frying or deep frying or added to soups. Tofu can be spray-dried to serve as an ingredient in other food products. Recently tofu has been used as an ingredient in nondairy frozen desserts (ice cream-like) and other "second generation products".

Winterized Oil - Oil which has been treated in a manner to partially remove the saturated glycerides which have relative high melting points and are soluble only to a limited extent in the unsaturated glycerides. The process consists of chilling the oil slowly and then maintaining it at 5°C (41°F) for a specified period of time and removing the crystallized glycerides from the liquid fraction of the oil by the use of filter presses. Soy oil does not require winterizing unless it has been partially hydrogenated to increase stability.

Standards & Specifications

NATIONAL OILSEED PROCESSORS ASSOCIATION (NOPA)

The following sections are reprinted from NOPA's Yearbook and Trading Rules.¹

Section 2. STANDARD DEFINITIONS

A. **Soybean Cake or Soybean Chips** is the product after the extraction of part of the oil by pressure or solvents from soybeans. A name descriptive of the process of manufacture, such as expeller, hydraulic, or solvent extracted shall be used in the brand name. It shall be designated and sold according to its protein content.

B. **Soybean Meal** is ground soybean cake, ground soybean chips, or ground soybean flakes. A name descriptive of the process of manufacture, such as expeller, hydraulic, or solvent extracted shall be used in the brand name. It shall be designated and sold according to its protein content.

C. (1) **Soybean Mill Feed** is the by-product resulting from the manufacture of soybean flour or grits and is composed of soybean hulls and the offal from the tail of the mill. A typical analysis is 13% crude protein and 32% crude fiber, and 13% moisture.

C. (2) **Soybean Mill Run** is the product resulting from the manufacture of dehulled soybean meal and is composed of soybean hulls and such bean meats that adhere to the hull in normal milling operations. A typical analysis is 11% crude protein and 35% crude fiber, and 13% moisture.

C. (3) **Soybean Hulls** is the product consisting primarily of the outer covering of the soybean. A typical analysis is 13% moisture.

D. **Solvent Extracted Soybean Flakes** is the product obtained after extracting part of the oil from soybeans by the use of hexane or homologous hydrocarbon solvents. It shall be designated and sold according to its protein content.

Section 3. STANDARD SPECIFICATIONS

A. **Soybean Flakes and 44% Protein Soybean Meal** are produced by cracking, heating and flaking soybeans and reducing the oil content of the conditioned product by the use of hexane or homologous hydrocarbon solvents. The extracted flakes are cooked and marketed as such or ground into meal. Standard specifications are as follows:

Protein	Minimum 44.0%
Fat	Minimum 0.5%
Fiber	Maximum 7.0%
Moisture	Maximum 12.0%

B. **Soybean Flakes and High Protein or Solvent Extracted Soybean Meal** are produced by cracking, heating and flaking dehulled soybeans and reducing the oil content of the conditioned flakes by the use of hexane or homologous hydrocarbon solvents. The extracted flakes are cooked and marketed as such or ground into meal. Standard specifications are as follows:

Protein	Minimum 47.5%-49.0%*
Fat	Minimum 0.5%
Fiber	Maximum 3.3%-3.5%*
Moisture	Maximum 12.0%

(*As determined by Buyer and Seller at time of sale)

C. Any of the above meal products (listed in Section 3 above) may contain a non-nutritive inert, nontoxic conditioning agent to reduce caking and improve flowability, in an amount not to exceed that necessary to accomplish its intended effect and in no case to exceed 0.5% or 10 lbs. per ton by weight of the total meal product. The name of the conditioning agent must be shown as an added ingredient.

¹Yearbook and Trading Rules, 1989-1990 (Washington, DC: National Oilseed Processors Association, 1989, effective August 1, 1989), pp. 31-32

ASSOCIATION OF AMERICAN FEED CONTROL OFFICIALS, INC. (AAFCO)

The following section is reprinted from the AAFCO Official Publication 1990.¹

**84. SOYBEAN PRODUCTS
OFFICIAL**

84.1 Ground Soybeans is obtained by grinding whole soybeans without cooking or removing any of the oil. (Adopted 1933)

IFN 5-04-596 Soybean seeds ground

84.2 Ground Soybean Hay is the ground soybean plant including the leaves and beans. It must be reasonably free of other crop plants and weeds and must contain not more than 33% crude fiber. (Adopted 1944, Amended 1964)

IFN 1-04-559 Soybean hay sun-cured ground

84.3 Soybean Hulls consist primarily of the outer covering of the soybean. (Adopted 1948)

IFN 1-04-560 Soybean seed coats (hulls)

***84.4 Soybean Feed, Solvent Extracted**, is the product remaining after the partial removal of protein and nitrogen free extract from dehulled solvent extracted soybean flakes. (Adopted 1948, Amended 1960, 1964)

IFN 5-04-613 Soybean seeds low protein low carbohydrates meal solvent extracted

84.8 Soybean Mill Feed is composed of soybean hulls and the offal from the tail of the mill which results from the manufacture of soy grits or flour. It must contain not less than 13% crude protein and not more than 32% crude fiber. (Proposed 1960, Adopted 1961, Amended 1964)

IFN 4-04-594 Soybean flour by-product

84.9 Soybean Mill Run is composed of soybean hulls and such bean meats that adhere to the hulls which results from normal milling operations in the production of dehulled soybean meal. It must contain not less than 11% crude protein and not more than 35% crude fiber. (Proposed 1960, Adopted 1961, Amended 1964)

IFN 4-04-595 Soybean mill run

84.10 Soy Phosphate or Soy Lecithin is the mixed phosphatide product obtained from soybean oil by a degumming process. It contains lecithin, cephalin and inositol phosphatides, together with glycerides of soybean oil and traces of tocopherols, glucosides and pigments. It must be designated and sold according to conventional descriptive grades with respect to consistency and bleaching. (Proposed 1958, Adopted 1961)

IFN 4-04-562 Soybean lecithin

84.11 Heat Processed Soybeans (Dry Roasted Soybeans) is the product resulting from heating whole soybeans without removing any of the component parts. It may be ground, pelleted, flaked or powdered. It must be sold according to its crude protein content. (Proposed 1960, Adopted 1964)

IFN 5-04-597 Soybean seeds heat processed

84.12 Soy Protein Concentrate is prepared from high quality sound, clean, dehulled soybean seeds by removing most of the oil and water soluble non-protein constituents and must contain not less than 70% protein on a moisture-free basis. (Proposed 1965, Adopted 1968)

IFN 5-088-038 Soybean protein concentrate more than 70% protein

84.13 Kibbled Soybean Meal is the product obtained by cooking ground solvent extracted soybean meal, under pressure and extruding from an expeller or other mechanical pressure device. It must be designated and sold according to its protein content and shall contain not more than 7% crude fiber. (Proposed 1969, Adopted 1971)

IFN 5-09-343 Soybean seed kibbled solvent extracted

84.14 Condensed Soybean Solubles is the product obtained by washing Soy Flour or Soybean Flakes with water and acid at a pH of 4.2-4.6. The wash water is then concentrated to a solid content of not less than 60%. (Proposed 1969, Adopted 1971)

IFN 5-09-344 Soybean solubles condensed

84.15 Ground Extruded Whole Soybeans is the meal product resulting from extrusion by friction heat and/or steam, whole soybeans without removing any of the component parts. It must be sold according to its crude protein, fat and fiber content. (Proposed 1974, Adopted 1975)

IFN 5-14-005 Soybean seeds extruded ground

*The words "Solvent Extracted" are not required when listing as an ingredient in a manufactured feed.

Standards & Specifications

84.16 Protein Modified is a Soybean Product that has been processed to primarily modify the natural protein structure by utilizing acids, alkalies or other chemicals and without removing significant amounts of any nutrient constituent. The defined name under Section 84 of the applicable soybean product so modified shall be declared in the product name. (Proposed 1982, Adopted 1983)

IFN 5-26-010 Soybean protein product chemically modified

84.5 Soy Grits is the granular material resulting from the screened and graded product after removal of most of the oil from selected, sound, clean and dehulled soybeans by a mechanical or solvent extraction process. It must contain not more than 4.0% crude fiber. (Proposed 1978, Adopted 1980.)

IFN 5-12-176 Soybean grits mechanical extracted

IFN 5-04-592 Soybean grits solvent extracted

84.7 Soybean Meal, Dehulled, Solvent Extracted is obtained by grinding the flakes remaining after removal of most of the oil from dehulled soybeans by a solvent extraction process. It must contain not more than 3.3% crude fiber. It may contain an inert non-toxic conditioning agent either nutritive or non-nutritive or any combination thereof, to reduce caking and improve flowability in an amount not to exceed that necessary to accomplish its intended effect and in no case to exceed 0.5%. The name of the conditioning agent must be shown as an added ingredient. When listed as an ingredient in a manufactured feed, it may be identified as "dehulled Soybean Meal." (Proposed 1978, Adopted 1980)

IFN 5-04-612 Soybean seeds without hulls meal solvent extracted

84.51 Soy Flour is the finely powdered material resulting from the screened and graded product after removal of most of the oil from selected, sound, cleaned and dehulled soybeans by a mechanical or solvent extraction process. It must contain not more than 4.0% crude fiber. (Proposed 1978, Adopted 1980)

IFN 5-12-177 Soybean flour-mechanical extracted

IFN 5-04-593 Soybean flour solvent extracted

84.60 Soybean Meal, Mechanical Extracted, is the product obtained by grinding the cake or chips which remain after removal of most of the oil from soybeans by a mechanical extraction process. It must contain not more than 7% crude fiber. It may contain an inert, non-toxic conditioning agent either nutritive or non-nutritive or any combination thereof, to reduce caking and improve flowability in an amount not to exceed that necessary to accomplish its intended effect and in no case exceed 0.5%. The name of the conditioning agent must be shown as an added ingredient. The words "Mechanical Extracted" are not required when listing as an ingredient in a manufactured feed. (Proposed 1978, Adopted 1980.)

IFN 5-04-600 Soybean seeds meal mechanical extracted

84.61 Soybean Meal, Solvent Extracted, is the product obtained by grinding the flakes which remain after removal of most of the oil from soybeans by a solvent extraction process. It must contain not more than 7% crude fiber. It may contain an inert non-toxic conditioning agent either nutritive or non-nutritive and any combination thereof, to reduce caking and improve flowability in an amount not to exceed that necessary to accomplish its intended effect and in no case exceed 0.5%. The name of the conditioning agent must be shown as an added ingredient. The words "Solvent Extracted" are not required when listing as an ingredient in a manufactured feed. (Proposed 1978, Adopted 1980)

IFN 5-04-604 Soybean seeds meal solvent extracted

Tentative

T84.14 Soybean Solubles, Condensed, the product resulting from the washing of soy flour or soybean flakes with water and acid; water, alkali and acid; or water and alcohol. The wash water is then concentrated to a solids content of not less than 50%. (Proposed 1983)

IFN 5-09-344 Soybean solubles condensed

T84.17 Soybean Solubles, Dried, is the product resulting from the washing of soy flour or soybean flakes with water and acid; water, alkali and acid; or water and alcohol. The wash water is then dried. (Proposed 1983)

IFN 5-16-733 Soybean solubles dehydrated

T84.62 Soy Protein Isolate is the major proteinaceous fraction of soybeans prepared from dehulled soybeans by removing the majority of non-protein components and must contain not less than 90% protein on a moisture-free basis. (Proposed 1988)

IFN Number _____ IFN Name _____

T84.12 Soy Protein Concentrate is prepared from high quality sound, clean, dehulled soybean seeds by removing most of the oil and water soluble non-protein constituents and must contain not less than 65% protein on a moisture-free basis. (Proposed 1988)

IFN Number _____ IFN Name _____

Official Publication 1990, Association of American Feed Control Officials Incorporated, pp. 191-194.

UNITED STATES DEPARTMENT OF AGRICULTURE

The following sections are reprinted from the Official United States Standards for Grain.*

UNITED STATES STANDARDS FOR SOYBEANS¹

Revised Effective May 1, 1988

Subpart A - General Provisions

Terms Defined**§ 810.101 Grains for which standards are established.**

Grain refers to barley, corn, flaxseed, mixed grain, oats, rye, sorghum, soybeans, sunflower seed, triticale, and wheat. Standards for these food grains, feed grains and oilseeds are established under the United States Grain Standards Act.

§ 810.102 Definition of other terms.

Unless otherwise stated, the definitions in this section apply to all grains. All other definitions unique to a particular grain are contained in the appropriate subpart for that grain.

- (a) **Distinctly low quality.** Grain that is obviously of inferior quality because it is in an unusual state or condition, and that cannot be graded properly by use of the other grading factors provided in the standards. Distinctly low quality includes the presence of any objects too large to enter the sampling device; i.e., large stones, wreckage or similar objects.
- (b) **Moisture.** Water content in grain as determined, by an approved device according to procedures prescribed in FGIS Instructions.
- (c) **Stones.** Concreted earthy or mineral matter and other substances of similar hardness that do not disintegrate in water.
- (d) **Test weight per bushel.** The weight per Winchester bushel (2,150.42 cubic inches) as determined using an approved device according to procedures prescribed in FGIS instructions. Test weight per bushel in the standards for corn, mixed grain, oats, sorghum and soybeans, is determined on the original sample. Test weight per bushel in the standards for barley, flaxseed, rye, sunflower seed, triticale, and wheat is determined after mechanically cleaning the original sample. Test weight per bushel is recorded in whole and tenth pounds to the nearest tenth pound for wheat, rye and triticale. Test weight per bushel for all other grains is recorded in whole and half pounds, with a fraction of a half pound disregarded.
- (e) **Whole kernels.** Grain with 1/4 or less of the kernel removed.

Principles Governing the Application of Standards**§ 810.103 Basis of determination.**

- (a) **Distinctly low quality.** The determination of distinctly low quality is made on the basis of the lot as a whole at the time of sampling when a condition exists that may or may not appear in the representative sample and/or the sample as a whole.
- (b) **Certain quality determinations.** Each determination of rodent pellets, bird droppings, other animal filth, broken glass, castor beans, cockleburrs, crotalaria seeds, dockage, garlic, live insect infestation, large stones, moisture, temperature, an unknown foreign substance(s), and a commonly recognized harmful or toxic substance(s) is made on the basis of the sample as a whole. When a condition exists that may not appear in the representative sample, the determination may be made on the basis of the lot as a whole at the time of sampling according to procedures prescribed in FGIS Instructions.
- (c) **All other determinations.** The basis of determination for all other factors is contained in the individual standards.

§ 810.104 Percentages.

- (a) **Rounding.** Percentages are determined on the basis of weight and are rounded as follows:
 1. When the figure to be rounded is followed by a figure greater than or equal to 5, round to the next higher figure; e.g., report 6.36 as 6.4, 0.35 as 0.4 and 2.45 as 2.5.
 2. When the figure to be rounded is followed by a figure less than 5, retain the figure; e.g., report 8.34 as 8.3 and 1.22 as 1.2.
- (b) **Recording.** The percentage of splits in soybeans, and the percentage of dockage in barley, flaxseed, rye and sorghum are reported in whole percents with fractions of a percent being disregarded.

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Dockage in triticale is reported in whole and half percent with a fraction less than one-half percent being disregarded. Dockage in wheat is reported in whole and tenth percent to the nearest tenth percent. Foreign material in sunflower seed is reported to the nearest one-half percent. Ranges of sunflower seed foreign material are reported as follows: 0.0 to 0.24 is reported as 0.0 percent, 0.25 to 0.74 as 0.5 percent, 0.75 to 1.24 as 1.0 percent, and the like. Foreign material and fines in mixed grain is reported in whole percent. The percentage of smut in barley and ergot are reported to the nearest hundredth percent. The percentage when determining the identity of all grains is reported to the nearest whole percent. Also reported to the nearest whole percent are the classes and subclasses in wheat; flint corn; flint and dent corn; waxy corn; classes in barley; and the percentage of each kind of grain in mixed grain. Plump barley shall be expressed in terms of the range in which it falls. Ranges shall be: Below 50 percent, 50 to 55 percent, 56 to 60 percent, 61 to 65 percent, and the like. All other percentages are reported in tenths percent.

Grades, Grade Requirements and Grade Designations

§ 810.105 Grades and grade requirements.

The grades and grade requirements for each grain (except mixed grain) are shown in the grade table(s) of the respective standards. Mixed grain grade requirements are not presented in tabular form.

§ 810.106 Grade designations.

- (a) Grade designations for grain. The grade designations included in the following order:
- (1) The letters "U.S."
 - (2) The abbreviation "No." and the number of the grade or the words "Sample grade";
 - (3) When applicable, the subclass;
 - (4) The class or kind of grain;
 - (5) When applicable, the special grade(s) except in the case of bright, extra heavy and heavy oats or plump rye, the special grades, "bright", "extra heavy", "heavy" and "plump" will precede the word "oats" or "rye" as applicable; and
 - (6) When applicable, the word "dockage" together with the percentage thereof.

When applicable, the remarks section of the certificate will include in the order of predominance; in the case of a mixed class, the name and approximate percentage of the classes, in the case of sunflower seed, the percentage of admixture; in the case of mixed grain, the grains present; in excess of 10.0 percent of the mixture and when applicable, the words Other grains followed by a statement of the percentage of the combined quantity of those kinds of grains, each of which is present in a quantity less 10.0 percent; in the case of barley, if requested, the word "plump" with the percentage range thereof; in the case of wheat, if requested, the percentage of protein content.

(b) Optional grade designations.

In addition to paragraph (a) of this Section, grain may be certificated under certain conditions as described in FGIS instructions when supported by official analysis, as "U.S. No. 2 or better (type of grain)", "U.S. No. 3 or better (type of grain)", and the like.

Special Grades, Special Grade Requirements and Special Grade Designations

§ 810.107 Special grades and special grade requirements.

A special grade serves to draw attention to a special factor or condition present in the grain and, when applicable, is supplemental to the grade assigned under § 810.106. Except for the special grade "infested", the special grades are identified and requirements are established in each respective grain standards.

- (a) Infested wheat, rye and triticale. Tolerances for live insects responsible for infested wheat, rye and triticale are defined according to sampling designations as follows:

- (1) Representative sample. The representative sample consists of the work portion, and the file sample if needed and when available. These grains will be considered infested if the representative same (other than shiplots) contain two or more live weevils, or one live weevil and one or more other live insects injurious to stored grain, or two or more live insects injurious to stored grain.
- (2) Lot as a whole (stationary). The lot as a whole is considered infested when two or more live weevils, or one live weevil and one or more other live insects injurious to stored grain are found in, on, or about the lot (excluding submitted samples and shiplots).

(3) **Sample as a whole (continuous loading/unloading of shiplots and bargelots).** The minimum sample size for shiplots and bargelots is 500 grams per each 2,000 bushels of grain. The sample as a whole is considered infested when a component (as defined in FGIS instructions) contains two or more live weevils, or one live weevil and one or more other live insects injurious to stored grain, or two or more other live insects injurious to stored grain.

(b) **Infested barley, corn, oats, sorghum, soybeans, sunflower seeds and mixed grain.** Tolerances for live insects responsible for infested barley, corn, oats, sorghum, soybeans, sunflower seed and mixed grain are defined according to sampling designations as follows:

(1) **Representative sample.** The representative sample consists of the work portion and the file sample if needed and when available. These grains will be considered infested if the representative sample (other than shiplots) contain two or more live weevils, or one live weevil and five or more other live insects injurious to stored grain, or ten or more other live insects injurious to stored grain.

(2) **Lot as a whole (stationary).** The lot as a whole is considered infested when two or more live weevils, or one live weevil and five or more other live insects injurious to stored grain, or ten or more other live insects injurious to stored grain are found in, on, or about the lot (excluding submitted samples and shiplots).

(3) **Sample as a whole (continuous loading/unloading of shiplots and bargelots).** The minimum sample for shiplots and bargelots is 500 grams per each 2,000 bushels of grain. The sample as a whole is considered infested when a component (as defined in FGIS instructions) contains two or more live weevils or one live weevil and five or more other live insects injurious to stored grain, or ten or more other live insects injurious to stored grain.

§ 810.108 Special grade designations.

Special grade designations are shown as prescribed in § 810.106. Multiple special grade designations will be listed in alphabetical order. In the case of treated wheat, the official certificate shall show whether the wheat has been scoured, limed, washed, sulfured, or otherwise treated.

SUBPART I - UNITED STATES STANDARDS FOR SOYBEANS

Terms Defined

§ 810.1601 Definition of soybeans.

Grain that consists of 50 percent or more of whole or broken soybeans (*Glycine max* (L.) Merr.) that will not pass through an 8/64 round-hole sieve and not more than 10.0 percent of other grains for which standards have been established under the United States Grain Standards Act.

§ 810.1602 Definition of other terms.

(a) **Classes.** There are two classes for soybeans: Yellow soybeans and Mixed soybeans.

(1) **Yellow soybeans.** Soybeans that have yellow or green seed coats and which in cross section, are yellow or have a yellow tinge, and may include not more than 10.0 percent of soybeans of other colors.

(2) **Mixed soybeans.** Soybeans that do not meet the requirements of the class Yellow Soybeans.

(b) **Damaged kernels.** Soybeans and pieces of soybeans that are badly ground-damaged, badly weather-damaged, diseased, frost-damaged, germ-damaged, heat-damaged, insect-bored, mold-damaged, sprout-damaged, stinkbug-stung, or otherwise materially damaged. Stinkbug-stung kernels are considered damaged kernels at the rate of one-fourth of the actual percentage of the stung kernels.

(c) **Foreign material.** All matter that passes through an 8/64 round-hole sieve and all matter other than soybeans remaining in the sieved sample after sieving according to procedures prescribed in FGIS instructions.

(d) **Heat-damaged kernels.** Soybeans and pieces of soybeans that are materially discolored and damaged by heat.

(e) **Purple mottled or stained.** Soybeans that are discolored by the growth of a fungus; or by dirt; or by a dirt-like substance(s) including nontoxic inoculants; or by other nontoxic substances.

(f) **Sieve, 8/64 round hole sieve.** A metal sieve 0.032 inch thick perforated with round holes 0.125 inch in diameter.

Standards & Specifications

(g) **Soybeans of other colors.** Soybeans that have green, black, brown, or bicolored seed coats. Soybeans that have green seed coats will also be green in cross section. Bicolored soybeans will have seed coats of two colors, one of which is brown or black, and the brown or black color covers 50 percent of the seed coats. The hilum of a soybean is not considered a part of the seed coat for this determination.

(h) **Splits.** Soybeans with more than 1/4 of the bean removed and that are not damaged.

Principles Governing the Application of Standards

§ 810.1063 Basis of determination.

Each determination of class, heat-damaged kernels, damaged kernels, splits and soybeans of other colors is made on the basis of the grain when free from foreign material. Other determinations not specifically provided for under the general provisions are made on the basis of the grain as a whole.

Grades and Grades Requirements

§ 810.1604 Grades and grade requirements for soybeans.

Grade	Minimum Test Weight per Bushel (pounds)	Maximum Limits of				
		Damaged Kernels		Foreign Material (percent)	Splits (percent)	Soybeans Of Other Colors (percent)
		Heat Damaged (percent)	Total (percent)			
U.S. No. 1	56.0	0.2	2.0	1.0	10.0	1.0
U.S. No. 2	54.0	0.5	3.0	2.0	20.0	2.0
U.S. No. 3 1/	52.0	1.0	5.0	3.0	30.0	5.0
U.S. No. 4 2/	49.0	3.0	8.0	5.0	40.0	10.0

U.S. Sample grade

U.S. sample grade is soybeans that:

- (a) Do not meet the requirements for U.S. Nos. 1, 2, 3 or 4, or;
- (b) Contain 8 or more stones which have an aggregate weight in excess of 0.2 percent of the sample weight, 2 or more pieces of glass, 3 or more *Crotalaria* seeds (*Crotalaria* spp.), 2 or more castor beans (*Ricinus communis* L.), 4 or more particles of an unknown substance(s), 10 or more rodent pellets, bird droppings, or equivalent quantity of other animal filth per 1,000 grams of soybeans; or
- (c) Have a musty, sour, or commercially objectionable foreign odor (except garlic odor); or
- (d) Are heating or otherwise of distinctly low quality.

1/ Soybeans that are purple mottled or stained are graded not higher than U.S. No. 3.

2/ Soybeans that are materially weathered are graded not higher than U.S. No. 4.

Special Grades and Special Grade Requirements

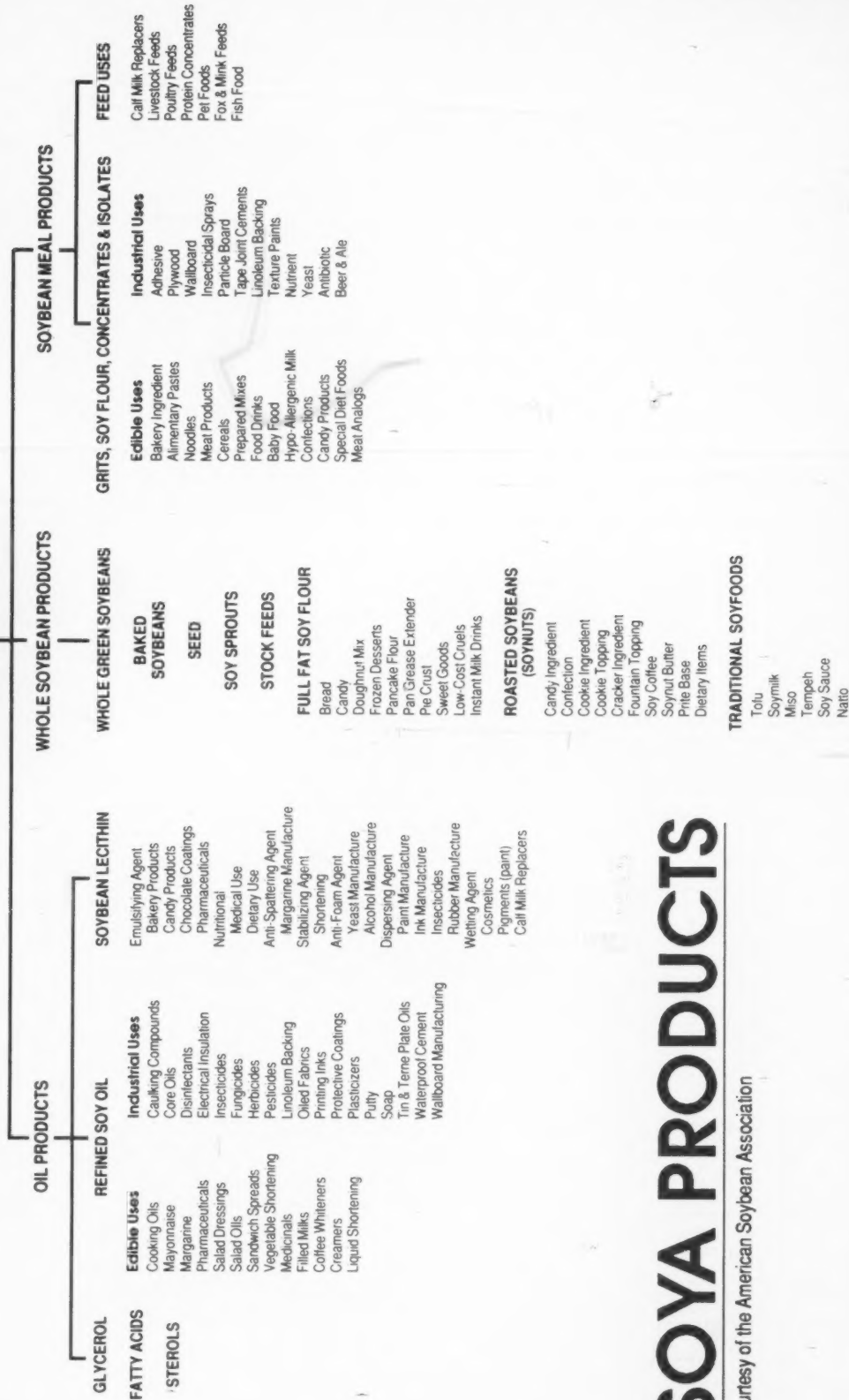
§ 810.1605 Special grades and special grade requirements.

Garlicky soybeans. Soybeans that contain 5 or more green garlic bulblets or an equivalent quantity of dry or partly dry bulblet in a 1,000 gram portion.

*Official United States Standards for Grain, Revised May 1, 1988 (U.S. Government Printing Office)

1/ Compliance with the provisions of these standards does not excuse failure to comply with the provisions of the Federal Food, Drug and Cosmetic Act, or other Federal laws.

SOYBEANS

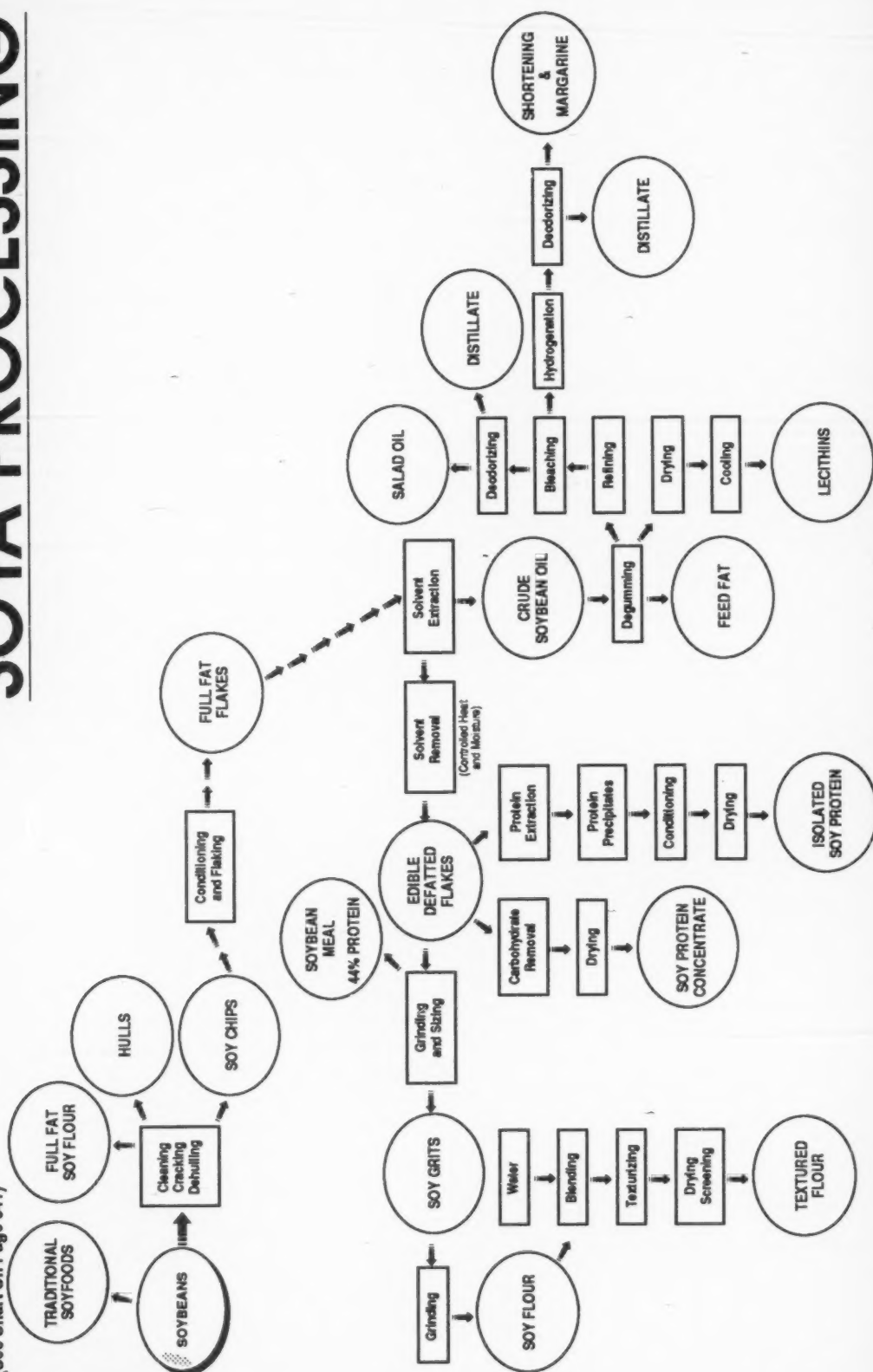


SOYA PRODUCTS

Courtesy of the American Soybean Association

SOYA PROCESSING

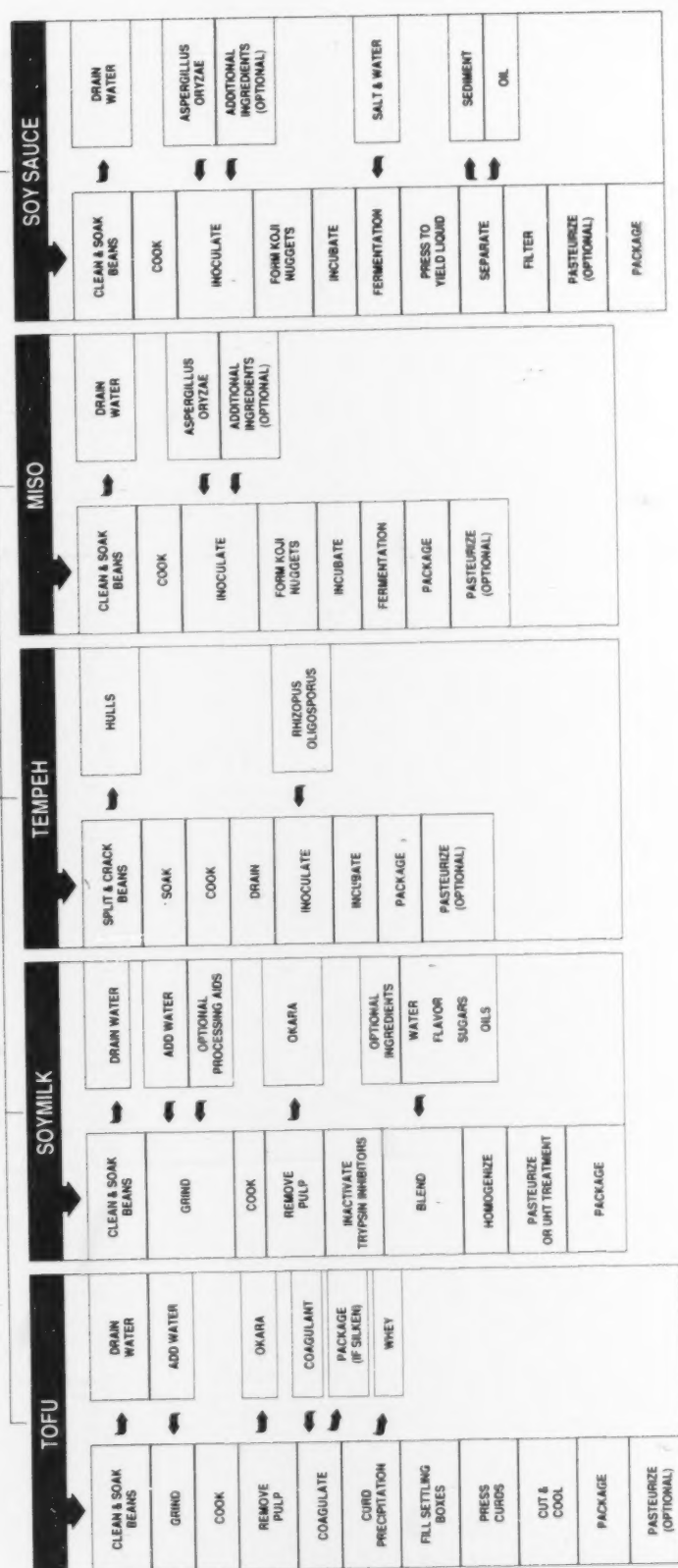
(See Chart On Page 341)



TRADITIONAL SOYFOODS

Please Note: Diagrams represent simplified renditions of traditional manufacturing processes. There are many other methods used today to manufacture all of these products.

WHOLE SOYBEANS



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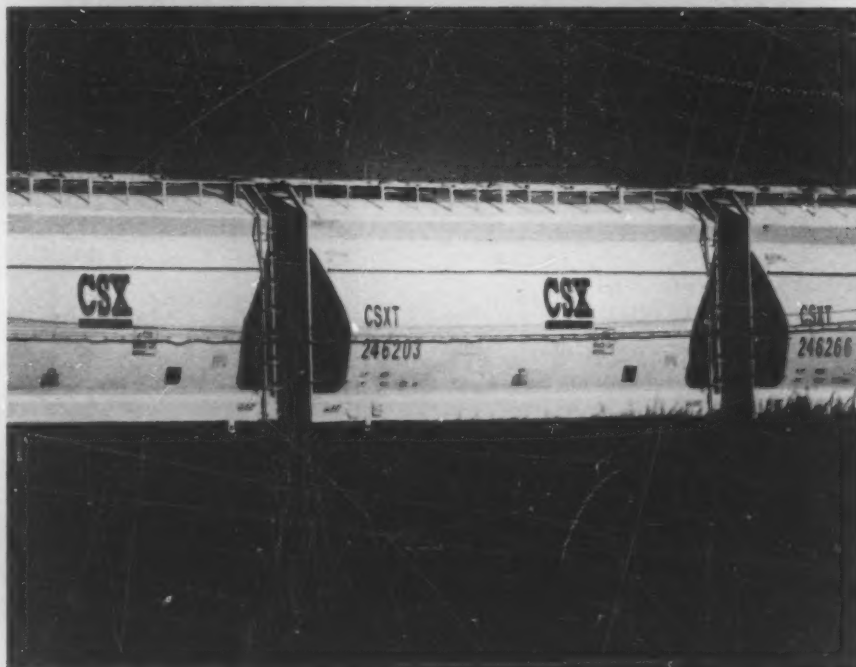


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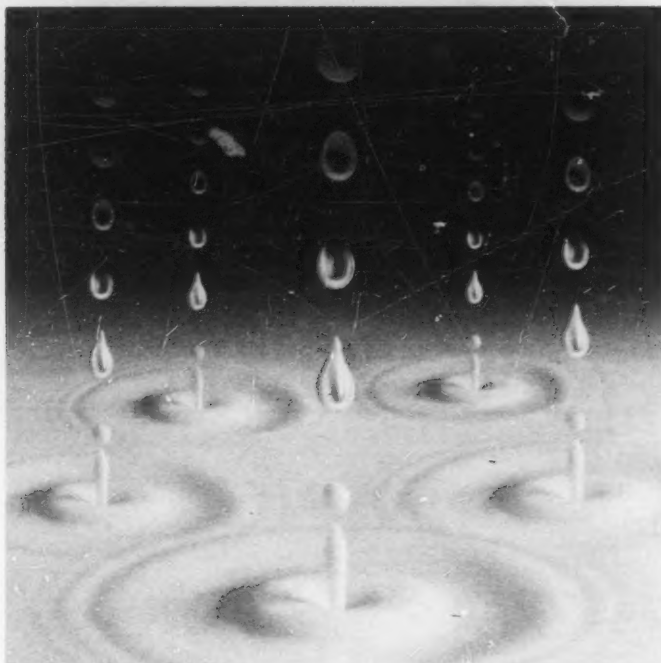
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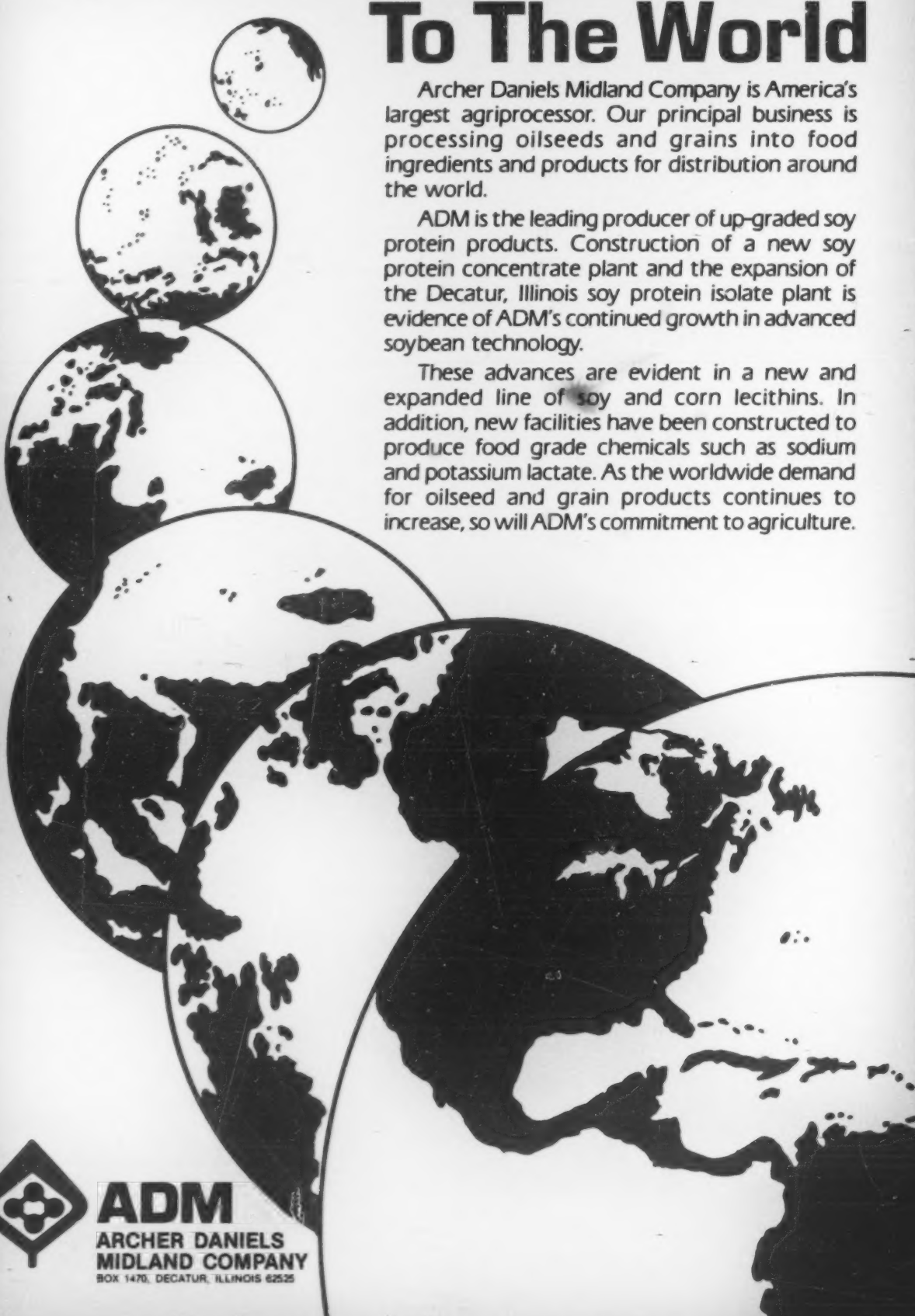


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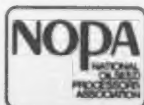
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